# The Stomach Contents of Salmonidae Caught in the Queen Charlotte Straits 1978–1981

*by*

E. A. Black and C. J. Low

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**Province of British Columbia**
Ministry of Environment
**Fisheries Branch**

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# INTRODUCTION

From 1978 to 1981, the B.C. Ministry of Environment studied commercial fish species found in those kelp habitats which would be attractive to commercial kelp harvesting. In 1978 and 1979, some initial sampling was done to evaluate sampling techniques. In 1980 and 1981, the studies compared fish abundance and trophics in several types of nearshore habitats.

Most stomach data were collected from fish caught in one of three types of habitat; a commercial Nereocystis luetkeana kelp habitat (KELPTYPE=NEREOCYSTIS), a commercial Macrocystis integrifolia habitat (KELPTYPE=MACROCYSTIS), or a habitat containing none of these kelps (KELPTYPE=NON KELP). A few fish were also collected in other habitats (KELPTYPE= ). These other habitats may or may not contain either of the mentioned kelp species depending on the location, however there are no large commercial kelp beds in these habitats. Figure 1 shows the sampling locations used in these studies.

This report records the stomach data taken from five salmon species, pink, chum, coho and chinook salmon, and Dolly Varden trout. It is the third and last in a series reporting stomach contents of fish (Black, 1984, 1985) and the sixth data report recording data from these studies. (Black and Chandler, 1984; Black and Norton, 1984; Black and Trueman, 1984; Black 1984; and Black, 1985).

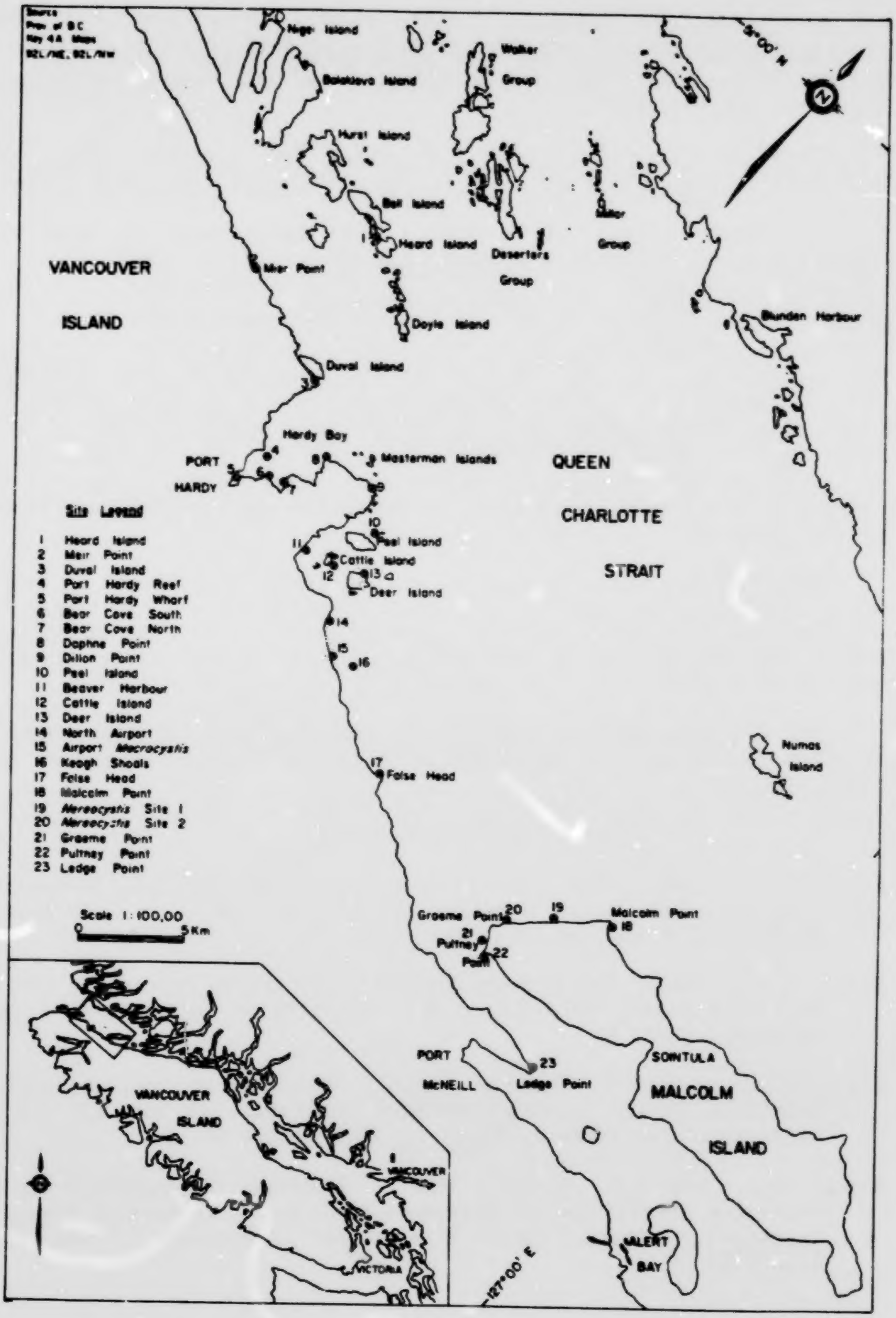
# METHODS

Fish used for stomach samples were caught by gill nets, beach seines or purse seine. Where kelp was present beach seine captures were all made landward of the kelp bed. Purse seines on the other hand were all made just off the seaward edge of kelp beds. Gill net sets were landward of, seaward of and within the kelp. These nets were set either as surface or bottom sets.

Each stomach was fixed in a 10% formalin solution for at least one week prior to preservation in Isoproponal. Fish lengths are standard lengths (Ricker, 1971) and all weights are wet weights after the material was blotted dry on paper towels. Stomach content weight was calculated as the weight of the full stomach minus the weight of the stomach after removal of its contents.

A subjective estimation of fullness and digestion was made for the contents of the cardiac and pyloric stomach chambers. Fullness was visually estimated as either trace (entered as 5% or 7%), 25%, 50% or 100% full. The digestive state of stomach contents was scored as fresh, digested, well digested or very well digested. Contents were considered digested when the invertebrates were compressed with most of the appendages still attached or when fish remains showed some signs of tissue breakdown. Well digested contents were those containing invertebrates only as exoskeletons or copepod segments, or fish remains where most of the muscle tissue was either broken down into segments with the vertebrae whole or down into a few sections. Very well digested contents were composed of eye stalks, spines, and/or exoskeletons of invertebrates and fish vertebrae.

Figure 1. Location of the sites from which salmonid stomach samples were obtained. The codes noted on the diagram are those used to denote sampling sites in the body of the report.


Source
Prov. of B.C.
Key 4A Maps
92L/NE, 92L/NW
Nigei Island
Balaklava Island
Hurst Island
Bell Island
Heard Island
Walker Group
Deserters Group
Millar Group
Doyle Island
Duval Island
Meir Point
Blunden Harbour
51°00' N
VANCOUVER ISLAND
Hardy Bay
PORT HARDY
Masterman Islands
QUEEN CHARLOTTE STRAIT
Peel Island
Cattle Island
Deer Island
False Head
Numas Island
Graeme Point
Pultney Point
Malcolm Point
PORT McNEILL
Ledge Point
SOINTULA
MALCOLM ISLAND
ALERT BAY
127°00' E
Site Legend
1 Heard Island
2 Meir Point
3 Duval Island
4 Port Hardy Reef
5 Port Hardy Wharf
6 Bear Cove South
7 Bear Cove North
8 Daphne Point
9 Dillon Point
10 Peel Island
11 Beaver Harbour
12 Cattle Island
13 Deer Island
14 North Airport
15 Airport *Macrocystis*
16 Keogh Shoals
17 False Head
18 Malcolm Point
19 *Nereocystis* Site 1
20 *Nereocystis* Site 2
21 Graeme Point
22 Pultney Point
23 Ledge Point
Scale 1:100,00
0
5 Km
VANCOUVER ISLAND
VANCOUVER
VICTORIA

Determination of sex was done using gonadal tissue structure. Tissue differentiation was not always reliable on the smaller fish and is therefore not included.

Data were stored on an I.B.M. model 3081 computer using the SAS Institute's 1979 edition of their Statistical Analysis System software.

Appendix I lists the taxonomic references used to identify the organisms found in the fish stomach samples.

## DATA PRESENTATION

The data are presented in six sections: Section 1 - Pink Salmon; Section 2 - Chum Salmon; Section 3 - Coho Salmon; Section 4 - Chinook Salmon; Section 5 - Sockeye Salmon; Section 6 - Dolly Varden Trout. Each Section has three subsections. The first lists alphabetically by taxa and final identification all of the types of organisms and other material found in the stomachs. The second subsection indexes stomach identification numbers by fish length and the third subsection contains the data from each of the stomachs.

The stomachs data in that third subsection are listed in order of their identification number. Those identification numbers are in the format of YYMMDDXXX where YY is the last two digits of the year, MM is the month's number, DD is the day of that month and XXX is the identifier for the individual stomach.

The gear type used to capture each fish from which a stomach was taken is also listed at the beginning of the data reported for each of the stomachs.

## LITERATURE CITED

Black, E.A., 1984. The Stomach Contents of Pacific Cod, Sablefish and Lingcod in the Queen Charlotte Strait 1978-1981. B.C. Ministry of Environment Fisheries, Data Report No. 7.

Black, E.A., 1985. The Stomach Contents of Pacific Herring in the Queen Charlotte Strait 1978-1981. B.C. Ministry of Environment, Fisheries Data Report No. 8.

Black, E.A. and R. P. Chandler, 1984. Plankton of Southwestern Queen Charlotte Strait Shallow Nearshore Habitats: III Non-Kelp Habitats. Ministry of Environment, Fisheries Data Report No. 6.

Black, E.A. and S.C. Norton, 1984. Plankton of Southwestern Queen Charlotte Strait Shallow Nearshore Habitats: I Commercial Nereocystis leutkeana Habitats. B.C. Ministry of Environment, Fisheries Data Report No. 4.

Black, E.A. and K. P. Trueman, 1984. PLankton of Southwestern Queen Charlotte Strait Shallow Nearshore Habitats: II Commercial *Macrocystis integrifolia* Habitats. B.C. Ministry of Environment, Fisheries Data Report No. 5.

Ricker, W.E., 1971. Methods for Assessment of Fish Production in Fresh Waters. Oxford; London: Blackwell Scientific Publishers, Second Edition, International Biological Programme IBP Handbook No. 3.

## ACKNOWLEDGEMENTS

The efforts of many people went into the collection, organization and presentation of this data. Though the space available is inadaquate to acknowledge each person individually, I thank them all for their splendid efforts. I want to especially acknowledge Messrs. Ross Chandler, Keith Trueman, Steve Norton and Gordon Pattie whose long hours of work ensured the data were faithfully transcribed to the computer files.

# Section 1.0

## Pink Salmon
## *Oncorhynchus gorbuscha* (Walbaum 1792)

## 1.1 - The Prey of Pink Salmon

## THE PREY OF PINK SALMON

| TAXON | GENUS - SPECIES |
|---|---|
| Algae | Algal species |
| Anomura | Anomura species |
| Arachnida | Archnida species |
| Arthropoda | Arthropoda species (fragments only) |
| Brachyura | Brachyura megalops |
| | Brachyura species |
| | Brachyura zoea |
| Calanoida | *Acartia clausii* |
| | *Aetedius armatus* |
| | Calanoid copedid |
| | Calanoid species |
| | *Calanus glacialis* |
| | *Calanus pacificus* |
| | *Calanus plumchrus* |
| | *Calanus* species |
| | *Candacia bipinata* |
| | *Centrophages abdominalis* |
| | *Chiridius gracilis* |
| | *Epilabidocera amphitrites* |
| | *Eucalanus bungi bungi* |
| | *Eurytemora americana* |
| | *Eurytemora hirundoides* |
| | *Gaidus columbiae* |
| | *Metridia pacifica* |
| | *Microcalanus pygmaeus* |
| | *Monstrilla* species |
| | *Paracalanus parvis* |
| | *Pseudocalanus minutus* |
| | *Tortanus discaudatus* |
| Caprellidea | *Caprella equilibria* |
| | *Caprella* species |
| Chaetognatha | *Sagitta* species |
| Cirripedia | Barnacle cypris |
| | Barnacle nauplii |
| | Cypris larva |
| Cladocera | *Podon polyphemoides* |

| | |
|---|---|
| Colembola | Colembola species |
| Ctenophora | Ctenophore species |
| Cumaceae | Cumaceae species |
| | *Cumella* species |
| | *Diastylopsis* species |
| | *Lamprops quadriplicata* |
| | *Leptocuma* species |
| Cyclopoida | Cyclopodia species |
| Cyclopteridae | Cyclopteridae species |
| Euphausiaceae | Euphausiaceae species |
| Fish | Fish eggs |
| | Fish larvae |
| | Fish scale |
| | Fish species |
| Gammaridea | *Aoroides columbiae* |
| | *Calliopiella pratti* |
| | Gammarid species |
| | *Ischyrocerus anguipes* |
| | *Ischyrocerus* species |
| | *Laetmatophilus* species |
| | Orchestoidea species |
| | *Paramoeri* (Undescribed) |
| | *Parapleustes pugettensis* |
| | *Photis brevipes* |
| | *Pontogeneia inermis* |
| | *Pontogeneai intermedia* |
| | *Stilipes* species |
| Harpacticoida | Harpacticoid species |
| | *Harpacticus* species |
| | *Huntmannia jadensis* |
| | *Porcellidium sarsi* |
| Hyperidea | *Parathemisto* pacifica |
| | *Parathemisto* species |
| Insecta | Hymenoptera adults |
| | Insecta adult |
| | Insecta species |
| Isopoda | *Gnathia* species |
| | *Idotea rufescens* |
| | *Idotea* species |
| | *Idotea urotoma* |
| | *Isopoda* species |

| | |
|---|---|
| Larvacea | *Oikopleura dioica* |
| Mollusca | Gastropoda juvenile<br>*Limacina* species<br>*Lirularia* species |
| Mysidaceae | Mysid species |
| Natantia | Natantia species<br>Natantia zoea |
| Nematoda | Nematoda species |
| Polychaeta | Polychaeta species |
| Unidentified | Unidentified taxon |

## 1.2 - An Index of Pink Salmon Stomach Samples by Fish Length

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| . | NEREOCYSTIS | 800810001 |
| 25 | | 810511041 |
| 26 | NEREOCYSTIS | 810425004 |
| 26 | | 810425099 |
| 26 | | 810511005 |
| 27 | NON KELP | 810423075 |
| 27 | NON KELP | 810424025 |
| 27 | NON KELP | 810424034 |
| 27 | NEREOCYSTIS | 810425002 |
| 27 | NEREOCYSTIS | 810425003 |
| 27 | NEREOCYSTIS | 810425005 |
| 27 | | 810425088 |
| 27 | | 810425092 |
| 27 | | 810425094 |
| 27 | | 810425096 |
| 27 | | 810425101 |
| 27 | | 810425103 |
| 27 | NON KELP | 810507061 |
| 27 | | 810511014 |
| 27 | | 810511015 |
| 27 | | 810511042 |
| 28 | NON KELP | 800415030 |
| 28 | NON KELP | 810423076 |
| 28 | NON KELP | 810423077 |
| 28 | NON KELP | 810423083 |
| 28 | NON KELP | 810424020 |
| 28 | NON KELP | 810424028 |
| 28 | NON KELP | 810424029 |
| 28 | NON KELP | 810424035 |
| 28 | NON KELP | 810424037 |
| 28 | NEREOCYSTIS | 810425001 |
| 28 | | 810425089 |
| 28 | | 810425091 |
| 28 | | 810425098 |
| 28 | | 810425105 |
| 28 | | 810511004 |
| 28 | | 810511009 |
| 28 | | 810511013 |
| 28 | | 810511016 |
| 28 | | 810511017 |
| 28 | | 810511018 |
| 29 | NON KELP | 800415019 |
| 29 | NON KELP | 800415029 |
| 29 | | 800421016 |
| 29 | | 800421022 |
| 29 | NON KELP | 810423074 |
| 29 | NON KELP | 810424021 |
| 29 | NON KELP | 810424023 |
| 29 | NON KELP | 810424030 |
| 29 | NON KELP | 810424031 |
| 29 | | 810425095 |
| 29 | | 810425102 |
| 29 | | 810511003 |
| 29 | | 810511007 |

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 29 | | 810511012 |
| 30 | NON KELP | 800415016 |
| 30 | NON KELP | 800415018 |
| 30 | NON KELP | 800415020 |
| 30 | NON KELP | 800415023 |
| 30 | NON KELP | 800415024 |
| 30 | NON KELP | 800415026 |
| 30 | NON KELP | 800415028 |
| 30 | | 800421014 |
| 30 | | 800421023 |
| 30 | NON KELP | 810423073 |
| 30 | NON KELP | 810423080 |
| 30 | NON KELP | 810423082 |
| 30 | NON KELP | 810424024 |
| 30 | | 810425090 |
| 30 | | 810425100 |
| 30 | | 810425104 |
| 30 | | 810425107 |
| 30 | | 810511006 |
| 30 | | 810511010 |
| 30 | | 810511011 |
| 31 | NON KELP | 800415015 |
| 31 | NON KELP | 800415025 |
| 31 | NON KELP | 800415027 |
| 31 | | 800421011 |
| 31 | | 800421013 |
| 31 | | 800421015 |
| 31 | | 800421025 |
| 31 | NON KELP | 810424027 |
| 31 | NON KELP | 810424032 |
| 31 | NON KELP | 810424033 |
| 31 | | 810425093 |
| 31 | NON KELP | 810507030 |
| 31 | NON KELP | 810507033 |
| 31 | NON KELP | 810507034 |
| 32 | NON KELP | 800415017 |
| 32 | | 800420004 |
| 32 | | 800420015 |
| 32 | | 800420016 |
| 32 | | 800420017 |
| 32 | | 800420021 |
| 32 | | 800420024 |
| 32 | | 800421020 |
| 32 | NON KELP | 810423071 |
| 32 | NON KELP | 810423081 |
| 32 | NON KELP | 810424022 |
| 32 | | 810425097 |
| 32 | NON KELP | 810507032 |
| 32 | NON KELP | 810507147 |
| 33 | NON KELP | 800415021 |
| 33 | NON KELP | 800415022 |
| 33 | | 800420005 |
| 33 | | 800420008 |
| 33 | | 800420011 |

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 33 | | 800420012 |
| 33 | | 800420014 |
| 33 | | 800420025 |
| 33 | | 800421004 |
| 33 | | 800421006 |
| 33 | | 800421021 |
| 33 | | 800421024 |
| 33 | NON KELP | 810423072 |
| 33 | NON KELP | 810507025 |
| 33 | NEREOCYSTIS | 810524010 |
| 33 | NEREOCYSTIS | 810524050 |
| 33 | NEREOCYSTIS | 810524057 |
| 34 | | 800420007 |
| 34 | | 800420022 |
| 34 | | 800421003 |
| 34 | | 800421005 |
| 34 | | 800421007 |
| 34 | NON KELP | 810424038 |
| 35 | | 800420006 |
| 35 | | 800420013 |
| 35 | | 800420020 |
| 35 | | 800421002 |
| 35 | | 800421012 |
| 35 | NON KELP | 810507023 |
| 35 | NON KELP | 810507029 |
| 35 | NON KELP | 810507040 |
| 35 | NON KELP | 810507146 |
| 35 | | 810511008 |
| 35 | NEREOCYSTIS | 810524055 |
| 36 | | 800420018 |
| 36 | | 800420019 |
| 36 | | 800421019 |
| 36 | MACROCYSTIS | 800513024 |
| 36 | NON KELP | 810507031 |
| 37 | MACROCYSTIS | 800513027 |
| 37 | MACROCYSTIS | 800513029 |
| 37 | NON KELP | 810423068 |
| 37 | NON KELP | 810423086 |
| 37 | NON KELP | 810507059 |
| 37 | NEREOCYSTIS | 810524049 |
| 38 | | 800420023 |
| 38 | MACROCYSTIS | 800513023 |
| 38 | NON KELP | 810423079 |
| 38 | NON KELP | 810507028 |
| 38 | NON KELP | 810507037 |
| 38 | NEREOCYSTIS | 810524046 |
| 38 | NEREOCYSTIS | 810524056 |
| 39 | MACROCYSTIS | 800513035 |
| 39 | NON KELP | 810423067 |
| 39 | NON KELP | 810423069 |
| 39 | NON KELP | 810507145 |
| 39 | NEREOCYSTIS | 810524039 |
| 39 | NEREOCYSTIS | 810524052 |
| 40 | MACROCYSTIS | 800513032 |

## INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 40 | MACROCYSTIS | 800513034 |
| 40 | MACROCYSTIS | 800513036 |
| 40 | NON KELP | 810423078 |
| 40 | NON KELP | 810423084 |
| 40 | NON KELP | 810424036 |
| 40 | | 810425106 |
| 40 | NON KELP | 810507139 |
| 40 | NON KELP | 810507170 |
| 40 | NEREOCYSTIS | 810524051 |
| 41 | MACROCYSTIS | 800513013 |
| 41 | MACROCYSTIS | 800513028 |
| 41 | NEREOCYSTIS | 810524048 |
| 41 | NEREOCYSTIS | 810524054 |
| 42 | MACROCYSTIS | 800513014 |
| 42 | MACROCYSTIS | 800513025 |
| 42 | MACROCYSTIS | 800513031 |
| 42 | MACROCYSTIS | 800513037 |
| 42 | NON KELP | 810423070 |
| 42 | NON KELP | 810423085 |
| 42 | NON KELP | 810507027 |
| 42 | NON KELP | 810507036 |
| 42 | NON KELP | 810507166 |
| 42 | | 810511019 |
| 42 | NEREOCYSTIS | 810524037 |
| 43 | MACROCYSTIS | 800513018 |
| 43 | MACROCYSTIS | 800513022 |
| 43 | MACROCYSTIS | 800513026 |
| 43 | MACROCYSTIS | 800513033 |
| 43 | NON KELP | 810424026 |
| 43 | NON KELP | 810507134 |
| 43 | NON KELP | 810507138 |
| 43 | NON KELP | 810507140 |
| 43 | NON KELP | 810507141 |
| 44 | | 800421001 |
| 45 | MACROCYSTIS | 800513020 |
| 45 | MACROCYSTIS | 800513030 |
| 45 | NON KELP | 810507035 |
| 45 | NON KELP | 810507168 |
| 45 | NON KELP | 810507169 |
| 45 | NEREOCYSTIS | 810524038 |
| 45 | NEREOCYSTIS | 810524044 |
| 46 | NON KELP | 810507136 |
| 46 | NON KELP | 810507143 |
| 47 | NON KELP | 810424019 |
| 47 | NON KELP | 810507038 |
| 47 | | 810511020 |
| 48 | NON KELP | 810507137 |
| 50 | NON KELP | 810507022 |
| 50 | NON KELP | 810507026 |
| 50 | NON KELP | 810507133 |
| 50 | NON KELP | 810507142 |
| 50 | NEREOCYSTIS | 810524036 |
| 50 | NEREOCYSTIS | 810524041 |
| 50 | NEREOCYSTIS | 810524053 |

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 51 | NON KELP | 810507167 |
| 52 | NON KELP | 810507144 |
| 53 | NON KELP | 810507024 |
| 53 | NON KELP | 810507039 |
| 54 | NON KELP | 810507135 |
| 55 | NEREOCYSTIS | 810524031 |
| 55 | NEREOCYSTIS | 810524033 |
| 56 | NEREOCYSTIS | 810524035 |
| 80 | NON KELP | 810628023 |
| 83 | NON KELP | 800724002 |
| 84 | NON KELP | 800724006 |
| 85 | | 810623004 |
| 87 | NON KELP | 800724007 |
| 87 | NON KELP | 800724008 |
| 87 | | 800726067 |
| 88 | | 800726070 |
| 88 | | 800726073 |
| 89 | | 800726057 |
| 89 | | 800726064 |
| 89 | | 800726074 |
| 90 | | 800726066 |
| 90 | | 800726072 |
| 90 | NON KELP | 810628024 |
| 91 | | 800726054 |
| 91 | | 800726058 |
| 92 | NON KELP | 800724009 |
| 92 | | 800726055 |
| 92 | | 800726062 |
| 93 | | 800716022 |
| 93 | | 800716044 |
| 93 | | 800726053 |
| 94 | | 800716015 |
| 94 | | 800716036 |
| 94 | | 800716040 |
| 95 | | 800716023 |
| 95 | | 800716035 |
| 95 | | 800716042 |
| 95 | NON KELP | 800724001 |
| 95 | | 800726071 |
| 96 | | 800716007 |
| 96 | | 800716019 |
| 96 | NON KELP | 800724004 |
| 96 | | 800726065 |
| 97 | | 800716014 |
| 97 | | 800716016 |
| 97 | | 800716027 |
| 97 | | 800716045 |
| 97 | | 800726068 |
| 98 | | 800716002 |
| 98 | | 800716028 |
| 98 | | 800716047 |
| 98 | | 800716049 |
| 98 | NON KELP | 800724003 |
| 98 | NON KELP | 800724005 |

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 98 | | 800726060 |
| 98 | | 800726075 |
| 99 | | 800716017 |
| 99 | | 800716020 |
| 99 | | 800716039 |
| 99 | | 800726063 |
| 99 | | 800726069 |
| 100 | | 800716004 |
| 100 | | 800716034 |
| 100 | | 800716037 |
| 100 | | 800716041 |
| 100 | | 800726051 |
| 100 | | 800726052 |
| 100 | | 800726059 |
| 101 | | 800716012 |
| 101 | | 800716018 |
| 101 | | 800716026 |
| 101 | | 800716029 |
| 101 | | 800726061 |
| 102 | | 800716006 |
| 102 | | 800716010 |
| 102 | | 800716011 |
| 102 | | 800716021 |
| 102 | | 800716025 |
| 102 | | 810802003 |
| 103 | | 800716003 |
| 103 | | 800716005 |
| 103 | | 800716033 |
| 103 | | 800716043 |
| 103 | | 800716046 |
| 103 | | 800726056 |
| 103 | | 810802013 |
| 104 | | 800716008 |
| 104 | | 800716013 |
| 104 | | 800716050 |
| 105 | | 800716001 |
| 105 | | 800716009 |
| 105 | | 800716030 |
| 105 | | 800716032 |
| 105 | | 800716048 |
| 106 | | 800716024 |
| 106 | | 800716038 |
| 110 | | 810802002 |
| 111 | | 810802010 |
| 111 | | 810802012 |
| 112 | | 810802004 |
| 112 | | 810802016 |
| 114 | | 810802006 |
| 115 | | 810802005 |
| 115 | | 810802020 |
| 117 | | 810802015 |
| 118 | | 810802011 |
| 118 | NEREOCYSTIS | 810803020 |
| 118 | NEREOCYSTIS | 810803023 |

# INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 120 | | 810802008 |
| 120 | | 810802009 |
| 120 | | 810802018 |
| 120 | NEREOCYSTIS | 810803032 |
| 120 | NEREOCYSTIS | 810919042 |
| 122 | NEREOCYSTIS | 810803021 |
| 122 | NEREOCYSTIS | 810803026 |
| 122 | NEREOCYSTIS | 810803027 |
| 122 | NEREOCYSTIS | 810803033 |
| 123 | | 810802001 |
| 123 | NEREOCYSTIS | 810803030 |
| 124 | | 810802019 |
| 124 | NEREOCYSTIS | 810803022 |
| 124 | NEREOCYSTIS | 810803034 |
| 125 | | 810802007 |
| 125 | NEREOCYSTIS | 810803024 |
| 127 | NEREOCYSTIS | 810803019 |
| 127 | NEREOCYSTIS | 810803029 |
| 128 | NEREOCYSTIS | 810803025 |
| 128 | NEREOCYSTIS | 810803028 |
| 130 | NEREOCYSTIS | 810803018 |
| 130 | NEREOCYSTIS | 810919024 |
| 130 | NEREOCYSTIS | 810919032 |
| 131 | NEREOCYSTIS | 810803031 |
| 132 | NEREOCYSTIS | 810919034 |
| 132 | NEREOCYSTIS | 810919038 |
| 132 | NEREOCYSTIS | 810919039 |
| 133 | NEREOCYSTIS | 810919037 |
| 133 | NEREOCYSTIS | 810919041 |
| 135 | NEREOCYSTIS | 810919044 |
| 138 | NEREOCYSTIS | 810803035 |
| 138 | NEREOCYSTIS | 810919035 |
| 140 | NEREOCYSTIS | 810919036 |
| 142 | NEREOCYSTIS | 810919043 |
| 143 | NEREOCYSTIS | 810803037 |
| 143 | NEREOCYSTIS | 810919033 |
| 145 | NEREOCYSTIS | 810919029 |
| 148 | NEREOCYSTIS | 810919031 |
| 148 | NEREOCYSTIS | 810919045 |
| 157 | NEREOCYSTIS | 810919040 |
| 158 | NEREOCYSTIS | 810919025 |
| 158 | NEREOCYSTIS | 810919028 |
| 160 | NEREOCYSTIS | 810919027 |
| 160 | | 810919046 |
| 165 | NEREOCYSTIS | 810919026 |
| 340 | MACROCYSTIS | 810806014 |
| 375 | MACROCYSTIS | 810728014 |
| 450 | NEREOCYSTIS | 810809004 |
| 455 | MACROCYSTIS | 810816007 |
| 460 | NON KELP | 810806004 |
| 460 | MACROCYSTIS | 810806012 |
| 460 | MACROCYSTIS | 810806013 |
| 470 | NON KELP | 810806006 |
| 480 | NON KELP | 810806003 |

## INDEX OF PINK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 480 | MACROCYSTIS | 810806015 |
| 480 | MACROCYSTIS | 810816005 |
| 480 | MACROCYSTIS | 810816009 |
| 500 | MACROCYSTIS | 810816004 |
| 500 | MACROCYSTIS | 810816010 |
| 505 | MACROCYSTIS | 810816006 |
| 505 | MACROCYSTIS | 810828004 |
| 522 | MACROCYSTIS | 810828002 |
| 530 | NEREOCYSTIS | 810907001 |

## 1.3 - Pink Salmon Stomach Content Data

```
#800415015    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT = 2     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER   VOLUME
-------------------------------------------------------------------------
CUMACEAE         LAMPROPS QUADRIPLICATA                      1       25
                 LEPTOCUMA SPECIES                           1       25
GAMMARIDEA       GAMMARID SPECIES                            1       25
HARPACTICOIDA    HARPACTICOID SPECIES                        8       25


#800415016    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 30   MM,      WEIGHT = 2     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER   VOLUME
-------------------------------------------------------------------------
CALANOIDA        EURYTEMORA AMERICANA                       61       50
                 PARACALANUS PARVIS                         50       50
HARPACTICOIDA    HARPACTICOID SPECIES                       16        0


#800415017    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 32   MM,      WEIGHT = 2     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER   VOLUME
-------------------------------------------------------------------------
FISH             FISH LARVAE                                 3       75
HARPACTICOIDA    HARPACTICOID SPECIES                        8       25
```

```
#800415018     GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA          CALANUS PLUMCHRUS                    1       0
                   EURYTEMORA AMERICANA                11      50
                   PARACALANUS PARVIS                   7      25
HARPACTICOIDA      HARPACTICOID SPECIES                18      25


#800415019     GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 29   MM,      WEIGHT = 2    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES               108     100


#800415020     GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                       1       0
FISH               FISH LARVAE                          1      25
HARPACTICOIDA      HARPACTICOID SPECIES                37      75
```

```
#800415021     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 33   MM,      WEIGHT = 2    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.003    GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                       38     100


#800415022     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 33   MM,      WEIGHT = 2    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.006    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         PARACALANUS PARVIS                        5      25
FISH              FISH LARVAE                               7      75


#800415023     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.004    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         PARACALANUS PARVIS                       22      75
HARPACTICOIDA     HUNTMANNIA JADENSIS                      33      25


#800415024     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.009    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         EURYTEMORA AMERICANA                     11      25
                  PARACALANUS PARVIS                       54      50
HARPACTICOIDA     HARPACTICOID SPECIES                     73      25
```

```
#800415025    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       MONSTRILLA SPECIES                         9       0
                PARACALANUS PARVIS                        39      75
HARPACTICOIDA   HARPACTICOID SPECIES                      12      25


#800415026    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             1       0
CALANOIDA       PARACALANUS PARVIS                        10      25
HARPACTICOIDA   HARPACTICOID SPECIES                      94      75


#800415027    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             2       0
CALANOIDA       PARACALANUS PARVIS                        42      75
HARPACTICOIDA   HARPACTICOID SPECIES                      34      25
```

```
#800415028    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       EURYTEMORA AMERICANA                        12      25
                MONSTRILLA SPECIES                           8       0
                PARACALANUS PARVIS                          57      50
HARPACTICOIDA   HARPACTICOID SPECIES                        16      25


#800415029    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 29   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       EURYTEMORA AMERICANA                         4       0
                PARACALANUS PARVIS                          40      75
HARPACTICOIDA   HARPACTICOID SPECIES                        42      25


#800415030    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       EURYTEMORA AMERICANA                         2       0
                PARACALANUS PARVIS                          23     100
HARPACTICOIDA   HARPACTICOID SPECIES                         2       0
```

```
#800420004     GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                        75     100


#800420005     GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              34       0
GAMMARIDEA      AOROIDES COLUMBIAE                           1       0
HARPACTICOIDA   HARPACTICOID SPECIES                       470     100


#800420006     GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
BRACHYURA       BRACHYURA ZOEA                              63      25
HARPACTICOIDA   HARPACTICOID SPECIES                       314      75


#800420007     GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
BRACHYURA       BRACHYURA ZOEA                               6       0
HARPACTICOIDA   HARPACTICOID SPECIES                       183     100
```

```
#800420008     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT = 2    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                            4       0
BRACHYURA          BRACHYURA ZOEA                          17       0
GAMMARIDEA         GAMMARID SPECIES                         1       0
HARPACTICOIDA      HARPACTICOID SPECIES                   296     100


#800420011     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM       WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                          82      25
HARPACTICOIDA      HARPACTICOID SPECIES                   308      75


#800420012     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                            1       0
BRACHYURA          BRACHYURA ZOEA                          20       0
CIRRIPEDIA         CYPRIS LARVA                             3       0
HARPACTICOIDA      HARPACTICOID SPECIES                   285     100
```

```
#800420013     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 35   MM,       WEIGHT = 3    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.008     GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                       51      25
CALANOIDA          PARACALANUS PARVIS                    2       0
FISH               FISH EGGS                            26      75
HARPACTICOIDA      HARPACTICOID SPECIES                  8       0


#800420014     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 33   MM,       WEIGHT = 3    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.022     GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = F
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA          BRACHYURA ZOEA                        4       0
COLEMBOLA          COLEMBOLA SPECIES                    26      25
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS              1       0
HARPACTICOIDA      HARPACTICOID SPECIES                  1       0
                                                       187      75


#800420015     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 32   MM,       WEIGHT = 2    GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.01      GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = F
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                       22       0
HARPACTICOIDA      HARPACTICOID SPECIES                375     100
```

```
#800420016     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
BRACHYURA         BRACHYURA ZOEA                            24      25
HARPACTICOIDA     HARPACTICOID SPECIES                     149      75


#800420017     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA
HARPACTICOIDA     HARPACTICOID SPECIES                      70      25
                                                           347      75


#800420018     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 36   MM,      WEIGHT = 4     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA
HARPACTICOIDA     HARPACTICOID SPECIES                      85      25
                                                           228      75


#800420019     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 36   MM,      WEIGHT = 4     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA
HARPACTICOIDA     HARPACTICOID SPECIES                      94      25
                                                           288      75
```

```
#800420020     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 35   MM,       WEIGHT = 3     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012      GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              72      25
HARPACTICOIDA    HARPACTICOID SPECIES                       168      75


#800420021     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,       WEIGHT = 3     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008      GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = F
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                              1       0
BRACHYURA        BRACHYURA ZOEA                               7       0
HARPACTICOIDA    HARPACTICOID SPECIES                       216     100


#800420022     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 34   MM,       WEIGHT = 4     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              60      25
FISH             FISH EGGS                                    1       0
HARPACTICOIDA    HARPACTICOID SPECIES                       214      75
```

```
#800420023     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.021    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA        BRACHYURA ZOEA                       25       0
CLADOCERA        PODON POLYPHEMOIDES                   1       0
CUMACEAE         LEPTOCUMA SPECIES                     1       0
HARPACTICOIDA    HARPACTICOID SPECIES                131     100
POLYCHAETA       POLYCHAETA SPECIES                    7       0
```

```
#800420024     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------

                                                       1       0
BRACHYURA        BRACHYURA ZOEA                       38      25
HARPACTICOIDA    HARPACTICOID SPECIES                200      75
```

```
#800420025     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.017    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------

                                                       1       0
BRACHYURA        BRACHYURA ZOEA                       67       0
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS              1       0
HARPACTICOIDA    HARPACTICOID SPECIES                529     100
```

```
#800421001    GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 44   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH             FISH LARVAE                                  2      75
HARPACTICOIDA    HARPACTICOID SPECIES                         2      25


#800421002    GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 35   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                            6      25
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS                     4       0
HARPACTICOIDA    HARPACTICOID SPECIES                       518      75


#800421003    GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                            6      25
                 CALANUS PACIFICUS                            1       0
                 CALANUS PLUMCHRUS                            2       0
HARPACTICOIDA    HARPACTICOID SPECIES                       157      75
```

```
#800421004     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 33    MM,       WEIGHT = 3     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01       GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                          16      25
HARPACTICOIDA    HARPACTICOID SPECIES                      250      75


#800421005     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 34    MM,       WEIGHT = 3     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005      GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                           6      75
                 CALANUS PACIFICUS                           5      25
HARPACTICOIDA    HARPACTICOID SPECIES                        2       0


#800421006     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 33    MM,       WEIGHT = 3     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008      GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                           4      25
                 CALANUS PACIFICUS                           1       0
FISH             FISH LARVAE                                 7      75
HARPACTICOIDA    HARPACTICOID SPECIES                        3       0
```

```
#800421007     GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN     POSITION = AT THE SURFACE
    LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                    556     100


#800421011     GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN     POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                         2      50
                PARACALANUS PARVIS                        1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     80      50


#800421012     GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = FRAN     POSITION = AT THE SURFACE
    LENGTH = 35   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                         3      25
FISH            FISH LARVAE                               1       0
GAMMARIDEA      GAMMARID SPECIES                          1       0
NATANTIA        NATANTIA ZOEA                            10      75
```

```
#800421013     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 31    MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
FISH              FISH LARVAE                            1     100

#800421014     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 30    MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                      1      25
                  PARACALANUS PARVIS                     7      50
HARPACTICOIDA     HARPACTICOID SPECIES                  29      25

#800421015     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 31    MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                      2      25
FISH              FISH LARVAE                            2      25
HARPACTICOIDA     HARPACTICOID SPECIES                  71      50

#800421016     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 29    MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                      7      50
HARPACTICOIDA     HARPACTICOID SPECIES                 155      50
```

```
#800421019     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 36   MM,       WEIGHT = 4    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           7      50
                CALANUS PACIFICUS                           2       0
FISH            FISH LARVAE                                 5      50


#800421020     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 32   MM,       WEIGHT = 3    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                       93     100


#800421021     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 33   MM,       WEIGHT = 3    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           8      25
                CALANUS PACIFICUS                           2       0
HARPACTICOIDA   HARPACTICOID SPECIES                      778      75


#800421022     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 29   MM,       WEIGHT = 2    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           2      50
HARPACTICOIDA   HARPACTICOID SPECIES                        2       0
LARVACEA        OIKOPLEURA DIOICA                          10      50
```

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#800421023     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 30   MM,      WEIGHT = 2    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                      7       0
                  CALANUS PACIFICUS                      1       0
HARPACTICOIDA     HARPACTICOID SPECIES                 236     100


#800421024     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 33   MM,      WEIGHT = 3    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                     12      50
FISH              FISH LARVAE                            4      25
HARPACTICOIDA     HARPACTICOID SPECIES                 102      25


#800421025     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = FRAN     POSITION = AT THE SURFACE
     LENGTH = 31   MM,      WEIGHT = 2    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                          NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                      5       0
HARPACTICOIDA     HARPACTICOID SPECIES                 236     100
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#800513013     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 41   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.03      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                            83      0
CALANOIDA       PARACALANUS PARVIS                         2      0
CIRRIPEDIA      CYPRIS LARVA                               7      0
HARPACTICOIDA   HARPACTICOID SPECIES                     565    100
LARVACEA        OIKOPLEURA DIOICA                         10      0
MOLLUSCA        GASTROPODA JUVENILE                        1      0


#800513014     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 42   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.029     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             8      0
CALANOIDA       PARACALANUS PARVIS                         8      0
GAMMARIDEA      GAMMARID SPECIES                           1      0
HARPACTICOIDA   HARPACTICOID SPECIES                     377    100
LARVACEA        OIKOPLEURA DIOICA                         24      0
MOLLUSCA        GASTROPODA JUVENILE                        1      0


#800513018     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 43   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.028     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             3      0
CALANOIDA       PARACALANUS PARVIS                         3      0
CIRRIPEDIA      CYPRIS LARVA                               2      0
HARPACTICOIDA   HARPACTICOID SPECIES                     277    100
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#800513020    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT = 9    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
                                                          2       0
BRACHYURA        BRACHYURA ZOEA                           9       0
CIRRIPEDIA       CYPRIS LARVA                             3       0
HARPACTICOIDA    HARPACTICOID SPECIES                   362     100


#800513022    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 43   MM,      WEIGHT = 8    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           1       0
CIRRIPEDIA       CYPRIS LARVA                             2       0
HARPACTICOIDA    HARPACTICOID SPECIES                   203     100


#800513023    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT = 8    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.025    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                         119       0
CALANOIDA        PARACALANUS PARVIS                       2       0
CIRRIPEDIA       CYPRIS LARVA                             3       0
HARPACTICOIDA    HARPACTICOID SPECIES                   420     100
LARVACEA         OIKOPLEURA DIOICA                        2       0
```

#800513024 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 36 MM, WEIGHT = 7 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.017 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = F
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| | | 3 | 0 |
| BRACHYURA | BRACHYURA ZOEA | 4 | 0 |
| CALANOIDA | PARACALANUS PARVIS | 1 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 293 | 100 |

#800513025 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 42 MM, WEIGHT = 8 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.026 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = F
FULLNESS OF PYLORIC CHAMBER = 75 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA ZOEA | 311 | 25 |
| CUMACEAE | LEPTOCUMA SPECIES | 2 | 0 |
| GAMMARIDEA | PARAPLEUSTES PUGETTENSIS | 2 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 362 | 75 |
| LARVACEA | OIKOPLEURA DIOICA | 9 | 0 |
| MOLLUSCA | GASTROPODA JUVENILE | 1 | 0 |

#800513026 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 43 MM, WEIGHT = 8 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.038 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = F
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| | | 1 | 0 |
| CALANOIDA | CALANUS GLACIALIS | 1 | 0 |
| | PARACALANUS PARVIS | 4 | 0 |
| CIRRIPEDIA | BARNACLE NAUPLII | 18 | 0 |
| | CYPRIS LARVA | 6 | 0 |
| CUMACEAE | LEPTOCUMA SPECIES | 3 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 210 | 100 |
| LARVACEA | OIKOPLEURA DIOICA | 15 | 0 |

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#800513027     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 37    MM,       WEIGHT = 7     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.037     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             1       0
BRACHYURA          BRACHYURA ZOEA                           11       0
CALANOIDA          CALANUS GLACIALIS                         1       0
                   PARACALANUS PARVIS                        1       0
CIRRIPEDIA         CYPRIS LARVA                             16       0
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                  1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    481     100


#800513028     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 41    MM,       WEIGHT = 8     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.045     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             1       0
                                                             1       0
                                                             2       0
BRACHYURA          BRACHYURA ZOEA                            1       0
CALANOIDA          PARACALANUS PARVIS                        4       0
CIRRIPEDIA         CYPRIS LARVA                              8       0
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                  3       0
HARPACTICOIDA      HARPACTICOID SPECIES                    465     100


#800513029     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 37    MM,       WEIGHT = 7     GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.02      GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             1       0
BRACHYURA          BRACHYURA ZOEA                            9       0
CALANOIDA          PARACALANUS PARVIS                        7       0
CIRRIPEDIA         CYPRIS LARVA                              1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    279     100
LARVACEA           OIKOPLEURA DIOICA                         5       0
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#800513030    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT = 9    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.031    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
                                                          2       0
                                                          4       0
BRACHYURA        BRACHYURA ZOEA                           2       0
CALANOIDA        CALANUS PLUMCHRUS                        1       0
                 PARACALANUS PARVIS                      47      25
CIRRIPEDIA       CYPRIS LARVA                             8       0
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS                 2       0
HARPACTICOIDA    HARPACTICOID SPECIES                   165      75
LARVACEA         OIKOPLEURA DIOICA                        9       0


#800513031    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 42   MM,      WEIGHT = 8    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.037    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           2       0
CALANOIDA        CALANUS GLACIALIS                        1       0
                 PSEUDOCALANUS MINUTUS                    6       0
HARPACTICOIDA    HARPACTICOID SPECIES                   277     100
LARVACEA         OIKOPLEURA DIOICA                        6       0


#800513032    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 40   MM,      WEIGHT = 8    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.022    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
                                                          1       0
BRACHYURA        BRACHYURA ZOEA                          37       0
CALANOIDA        CALANUS GLACIALIS                        1       0
CIRRIPEDIA       CYPRIS LARVA                             1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   242     100
LARVACEA         OIKOPLEURA DIOICA                        8       0
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#800513033     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 43   MM,      WEIGHT - 8    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.017    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------

                                                                4       0
GAMMARIDEA         AOROIDES COLUMBIAE                           1       0
                   PARAPLEUSTES PUGETTENSIS                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        64     100
LARVACEA           OIKOPLEURA DIOICA                            7       0


#800513034     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 40   MM,      WEIGHT - 8    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.032    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON              PREYTYPE                                NUMBER  VOLUMF
-------------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                               2       0
CALANOIDA          CALANUS GLACIALIS                            2       0
                   PARACALANUS PARVIS                          14       0
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                       329     100


#800513035     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 39   MM,      WEIGHT - 8    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.029    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------

                                                                1       0
BRACHYURA          BRACHYURA ZOEA                               2       0
CIRRIPEDIA         CYPRIS LARVA                                 3       0
HARPACTICOIDA      HARPACTICOID SPECIES                       241     100
MOLLUSCA           GASTROPODA JUVENILE                          1       0
```

```
#800513036    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           2       0
CALANOIDA       PARACALANUS PARVIS                       1       0
CIRRIPEDIA      CYPRIS LARVA                             7       0
CUMACEAE        LEPTOCUMA SPECIES                        1       0
HARPACTICOIDA   HARPACTICOID SPECIES                   285     100


#800513037    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 42   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                         3       0
BRACHYURA       BRACHYURA ZOEA                           3       0
CALANOIDA       PARACALANUS PARVIS                       4       0
CIRRIPEDIA      CYPRIS LARVA                             1       0
HARPACTICOIDA   HARPACTICOID SPECIES                   287     100


#800716001    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 105  MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SCALE                               4     100
```

```
#800716002     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA
                                                          1     100


#800716003     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.039       GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------


#800716004     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 100  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014       GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                 32      85
                   TORTANUS DISCAUDATUS                   1       0
FISH               FISH SCALE                            15       0


#800716005     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
```

```
#800716006     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#800716007     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 96   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#800716008     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 104  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002       GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 10  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                                3       0
CALANOIDA        PSEUDOCALANUS MINUTUS                        14      85
CLADOCERA        PODON POLYPHEMOIDES                           1       0


#800716009     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 105  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
```

```
#800716010     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA
CALANOIDA        PSEUDOCALANUS MINUTUS                        2       0
FISH             FISH SCALE                                  95      85
                                                              5       0


#800716011     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.055    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS
                 BRACHYURA ZOEA                               2       0
CALANOIDA        CALANUS PACIFICUS                            4       0
                 PSEUDOCALANUS MINUTUS                       58      60
CIRRIPEDIA       BARNACLE CYPRIS                            141      30
CLADOCERA        PODON POLYPHEMOIDES                          1       0
FISH             FISH SCALE                                   1       0
                                                              2       0


#800716012     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 101  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0    %,   DIGESTION =
TAXON            PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
```

```
#800716013     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 104  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------


#800716014     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 97   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013      GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA                        3       0
CALANOIDA           CALANUS PACIFICUS                    14      25
                    PSEUDOCALANUS MINUTUS               130      40
FISH                FISH SCALE                            1       0
HARPACTICOIDA       HARPACTICOID SPECIES                  3       0
NATANTIA            NATANTIA ZOEA                        18      25


#800716015     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 94   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009      GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA                       10      25
CALANOIDA           CALANUS PACIFICUS                     2       0
                    PSEUDOCALANUS MINUTUS                81      70
FISH                FISH SCALE                            2       0
NATANTIA            NATANTIA ZOEA                         3       0
```

```
#800716016     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 97   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS =              GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS
                PSEUDOCALANUS MINUTUS                     32      25
CLADOCERA       PODON POLYPHEMOIDES                      233      70
FISH            FISH SCALE                                 1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      38       5
NATANTIA        NATANTIA ZOEA                              2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                         3       0
                                                           2       0


#800716017     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 99   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0            GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------


#800716018     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 101  MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS
CIRRIPEDIA      BARNACLE CYPRIS                          105      85
NATANTIA        NATANTIA ZOEA                              2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                         9      10
                                                           1       0
```

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#800716019    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 96   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                         56      85
                TORTANUS DISCAUDATUS                           4       5
CIRRIPEDIA      BARNACLE CYPRIS                                1       0


#800716020    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.046     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                             1       0
                BRACHYURA ZOEA                                 8      10
CALANOIDA       CALANUS PACIFICUS                             31      75
                PSEUDOCALANUS MINUTUS                         26      10


#800716021    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 102  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
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#800716022     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 93   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                  27       0


#800716023     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 95   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.027      GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                       2       0
                   BRACHYURA ZOEA                          2       0
CALANOIDA          PSEUDOCALANUS MINUTUS                 127      90


#800716024     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 106  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015      GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                          4      30
CALANOIDA          ACARTIA CLAUSII                         2       5
                   CENTROPHAGES ABDOMINALIS                5      30
                   PSEUDOCALANUS MINUTUS                  16      15
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#800716025     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0             GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------


#800716026     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 101  MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0             GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------


#800716027     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 97   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0             GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------


#800716028     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 33  %,    DIGESTION = D
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                   108      95
CIRRIPEDIA         BARNACLE CYPRIS                           1       0
HARPACTICOIDA      HARPACTICOID SPECIES                      1       0
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#800716029    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 101  MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
------------------------------------------------------------------


#800716030    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 105  MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
------------------------------------------------------------------


#800716032    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 105  MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
------------------------------------------------------------------


#800716033    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005      GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                           1       0
CALANOIDA         ACARTIA CLAUSII                          5      25
                  AETEDIUS ARMATUS                         3      20
                  CENTROPHAGES ABDOMINALIS                 6      25
                  PSEUDOCALANUS MINUTUS                   29      20
CIRRIPEDIA        BARNACLE CYPRIS                          2       0
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#800716034    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                  2       0
CALANOIDA       PSEUDOCALANUS MINUTUS                           3       0


#800716035    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 95   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                               1       0


#800716036    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 94   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                  8      50
CALANOIDA       PSEUDOCALANUS MINUTUS                          53      40
                TORTANUS DISCAUDATUS                            1       0
CIRRIPEDIA      BARNACLE CYPRIS                                 2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                                     20
```

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#800716037    GEARTYPE = PURSE SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.046    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                        3       0
                BRACHYURA ZOEA                            4       0
CALANOIDA       CALANUS PACIFICUS                        11      10
                CANDACIA BIPINATA                         5       5
                EPILABIDOCERA AMPHITRITES                 2       0
                PSEUDOCALANUS MINUTUS                   217      60
                TORTANUS DISCAUDATUS                      2       0
FISH            FISH SCALE                               12       0
NATANTIA        NATANTIA ZOEA                             2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                        1       0
                UNIDENTIFIED TAXON                               15


#800716038    GEARTYPE = PURSE SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 106  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            1       0
CALANOIDA       CALANUS PACIFICUS                         1       0
NATANTIA        NATANTIA ZOEA                             2       0


#800716039    GEARTYPE = PURSE SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.083    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                        4       5
                BRACHYURA ZOEA                           19      10
CALANOIDA       CALANUS PACIFICUS                        22      20
                CANDACIA BIPINATA                         1       0
                CHIRIDIUS GRACILIS                        1       0
                EPILABIDOCERA AMPHITRITES                 7       5
                PSEUDOCALANUS MINUTUS                   265      40
CIRRIPEDIA      BARNACLE CYPRIS                           3       0
CLADOCERA       PODON POLYPHEMOIDES                       3       0
```

```
FISH             FISH SCALE                                        5      0
NATANTIA         NATANTIA ZOEA                                     9      0
UNIDENTIFIED     UNIDENTIFIED TAXON                                      20


#800716040     GEARTYPE = PURSE SEINE          KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 94   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.048    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                                     NUMBER  VOLUME
-----------------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                                3      0
                 BRACHYURA ZOEA                                    6     10
CALANOIDA        CALANUS PACIFICUS                                36     30
                 CALANUS SPECIES                                   1      0
                 PSEUDOCALANUS MINUTUS                           135     40
CIRRIPEDIA       BARNACLE CYPRIS                                   1      0
FISH             FISH SCALE                                        2      0
NATANTIA         NATANTIA ZOEA                                    10      0
UNIDENTIFIED     UNIDENTIFIED TAXON                                1      0
                 UNIDENTIFIED TAXON                                      10


#800716041     GEARTYPE = PURSE SEINE          KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 100  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                     NUMBER  VOLUME
-----------------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                                    3      5
CALANOIDA        AETEDIUS ARMATUS                                  1      0
                 PSEUDOCALANUS MINUTUS                            66     40
UNIDENTIFIED     UNIDENTIFIED TAXON                                1      5
                 UNIDENTIFIED TAXON                                      40


#800716042     GEARTYPE = PURSE SEINE          KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 95   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE                                     NUMBER  VOLUME
-----------------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                               13     30
                 BRACHYURA SPECIES                                       50
                 BRACHYURA ZOEA                                    7     10
CALANOIDA        PSEUDOCALANUS MINUTUS                            21     10
CIRRIPEDIA       BARNACLE CYPRIS                                   3      0
HARPACTICOIDA    HARPACTICOID SPECIES                              1      0
```

```
#800716043     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0    %,    DIGESTION =
TAXON               PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------------



#800716044     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 93   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 75   %,    DIGESTION = D
TAXON               PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA                                4      20
CALANOIDA           AETEDIUS ARMATUS                              1       0
                    EPILABIDOCERA AMPHITRITES                     4      40
                    PSEUDOCALANUS MINUTUS                        30      20
CLADOCERA           PODON POLYPHEMOIDES                           2       0
UNIDENTIFIED        UNIDENTIFIED TAXON                                   20


#800716045     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 97   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 16   %,    DIGESTION = WD
TAXON               PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------------
CALANOIDA           PSEUDOCALANUS MINUTUS                        18      15
CIRRIPEDIA          BARNACLE CYPRIS                               1       0
HARPACTICOIDA       HARPACTICOID SPECIES                          3      10
UNIDENTIFIED        UNIDENTIFIED TAXON                                   60
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```
#800716046     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.034     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              5       0
CALANOIDA        PSEUDOCALANUS MINUTUS                     122      40
UNIDENTIFIED     UNIDENTIFIED TAXON                                 50


#800716047     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.034     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              6      10
CALANOIDA        PSEUDOCALANUS MINUTUS                      63      30
FISH             FISH SCALE                                 44      10
UNIDENTIFIED     UNIDENTIFIED TAXON                                 50


#800716048     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 105  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
```

```
#800716049     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------


#800716050     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 104  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                     5       0


#800724001     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 95   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.113      GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             2      10
BRACHYURA          BRACHYURA MEGALOPS                       14      25
                   BRACHYURA ZOEA                           32      25
CALANOIDA          CALANUS PACIFICUS                         1       0
                   CENTROPHAGES ABDOMINALIS                  1       0
                   EPILABIDOCERA AMPHITRITES                 1       0
                   GAIDUS COLUMBIAE                          1       0
CIRRIPEDIA         BARNACLE CYPRIS                           7       0
CLADOCERA          PODON POLYPHEMOIDES                       8       0
HARPACTICOIDA      HARPACTICOID SPECIES                      1       0
LARVACEA           OIKOPLEURA DIOICA                         1       0
NATANTIA           NATANTIA ZOEA                             4       0
UNIDENTIFIED       UNIDENTIFIED TAXON                               40
```

```
#800724002     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 83   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.092    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON          PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------

ANOMURA        ANOMURA SPECIES                         3      0
BRACHYURA      BRACHYURA MEGALOPS                      2      0
               BRACHYURA ZOEA                          4     10
CALANOIDA      CALANUS PACIFICUS                       5      5
               EPILABIDOCERA AMPHITRITES              71     60
               PSEUDOCALANUS MINUTUS                   1      0
CIRRIPEDIA     BARNACLE CYPRIS                         7      5
CLADOCERA      PODON POLYPHEMOIDES                     5      0
HARPACTICOIDA  HARPACTICOID SPECIES                   17      0
LARVACEA       OIKOPLEURA DIOICA                       1      0
UNIDENTIFIED   UNIDENTIFIED TAXON                     74     10
               UNIDENTIFIED TAXON                      2      0
                                                             10


#800724003     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 98   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.119    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON          PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA      BRACHYURA MEGALOPS                      1      0
               BRACHYURA ZOEA                          4      0
CALANOIDA      CALANUS PACIFICUS                      13     20
               EPILABIDOCERA AMPHITRITES              50     30
               PSEUDOCALANUS MINUTUS                   1      0
CIRRIPEDIA     BARNACLE CYPRIS                        10      5
HARPACTICOIDA  HARPACTICOID SPECIES                    1      0
LARVACEA       OIKOPLEURA DIOICA                       2      0
UNIDENTIFIED   UNIDENTIFIED TAXON                     80     10
                                                             30
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#800724004    GEARTYPE = PURSE SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 96   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.102    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
                                                        2       0
BRACHYURA        BRACHYURA MEGALOPS                    27      25
                 BRACHYURA ZOEA                        52      40
CALANOIDA        CALANUS PACIFICUS                     36      10
                 PSEUDOCALANUS MINUTUS                  5       0
CIRRIPEDIA       BARNACLE CYPRIS                        1       0
LARVACEA         OIKOPLEURA DIOICA                    202      10
UNIDENTIFIED     UNIDENTIFIED TAXON                            15


#800724005    GEARTYPE = PURSE SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 98   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.063    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
ANOMURA          ANOMURA SPECIES                        1       0
BRACHYURA        BRACHYURA MEGALOPS                     3      10
                 BRACHYURA ZOEA                        38      70
CALANOIDA        CALANUS PACIFICUS                     17       5
HARPACTICOIDA    HARPACTICOID SPECIES                   1       0
LARVACEA         OIKOPLEURA DIOICA                      6       0
UNIDENTIFIED     UNIDENTIFIED TAXON                            15


#800724006    GEARTYPE = PURSE SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 84   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.033    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                         2      20
CALANOIDA        CALANUS PACIFICUS                      7      50
LARVACEA         OIKOPLEURA DIOICA                      5       0
UNIDENTIFIED     UNIDENTIFIED TAXON                            30
```

```
#800724007     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV    POSITION = AT THE SURFACE
      LENGTH = 87   MM,      WEIGHT =        GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.054    GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS
                                                           9      10
                   EPILABIDOCERA AMPHITRITES               1       0
                   PSEUDOCALANUS MINUTUS                   6       0
CIRRIPEDIA         BARNACLE CYPRIS                         2       0
CLADOCERA          PODON POLYPHEMOIDES                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    3       0
LARVACEA           OIKOPLEURA DIOICA                     453      90
MOLLUSCA           LIMACINA SPECIES                        1       0
UNIDENTIFIED       UNIDENTIFIED TAXON
                                                                  10


#800724008     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV    POSITION = AT THE SURFACE
      LENGTH = 87   MM,      WEIGHT =        GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.052    GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
                                                           2       0
BRACHYURA          BRACHYURA MEGALOPS
                                                          11      10
                   BRACHYURA ZOEA                         38      85
CALANOIDA          CALANUS PACIFICUS                       1       0
CIRRIPEDIA         BARNACLE CYPRIS                         2       0
                   BARNACLE NAUPLII                        4       0
CLADOCERA          PODON POLYPHEMOIDES                     2       0
HARPACTICOIDA      HARPACTICOID SPECIES                    1       0
LARVACEA           OIKOPLEURA DIOICA                       5       0
UNIDENTIFIED       UNIDENTIFIED TAXON
                                                                   5


#800724009     GEARTYPE = PURSE SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV    POSITION = AT THE SURFACE
      LENGTH = 92   MM,      WEIGHT =        GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.068    GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS
                                                          19      15
                   BRACHYURA ZOEA                         49      65
CALANOIDA          AETEDIUS ARMATUS                        1       0
                   CALANUS PACIFICUS                       1       0
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HARPACTICOIDA   HARPACTICOID SPECIES                        1      0
UNIDENTIFIED    UNIDENTIFIED TAXON                          1      0
                UNIDENTIFIED TAXON                                10


#800726051     GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.084    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                          52     40
                EPILABIDOCERA AMPHITRITES                   1      0
FISH            FISH EGGS                                   1      0
                FISH LARVAE                                       40
                FISH SCALE                                  2      0
HARPACTICOIDA   HARPACTICOID SPECIES                        2      0
UNIDENTIFIED    UNIDENTIFIED TAXON                                20


#800726052     GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.392    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              1      0
CALANOIDA       CALANUS PACIFICUS                         280     40
                EPILABIDOCERA AMPHITRITES                   4      0
FISH            FISH LARVAE                                 1      5
                FISH SCALE                                  1      0
HYPERIDEA       PARATHEMISTO PACIFICA                       7      0
LARVACEA        OIKOPLEURA DIOICA                         750     40
UNIDENTIFIED    UNIDENTIFIED TAXON                                15


#800726053     GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 93   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.153    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           9      5
CLADOCERA       PODON POLYPHEMOIDES                         1      0
HARPACTICOIDA   HARPACTICOID SPECIES                        1      0
HYPERIDEA       PARATHEMISTO PACIFICA                       1      0
LARVACEA        OIKOPLEURA DIOICA                         736     85
UNIDENTIFIED    UNIDENTIFIED TAXON                                10
```

```
#800726054     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 91   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.129     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS
                  EPILABIDOCERA AMPHITRITES             18      30
CLADOCERA         PODON POLYPHEMOIDES                    1       0
GAMMARIDEA        GAMMARID SPECIES                       1       0
HYPERIDEA         PARATHEMISTO PACIFICA                  1       0
LARVACEA          OIKOPLEURA DIOICA                      2       0
UNIDENTIFIED      UNIDENTIFIED TAXON                   150      30
                                                                40


#800726055     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 92   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.096     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS
UNIDENTIFIED      UNIDENTIFIED TAXON                    10      75
                                                                25


#800726056     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 103  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.359     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS
CHAETOGNATHA      SAGITTA SPECIES                      150      60
GAMMARIDEA        STILIPES SPECIES                       1       0
HYPERIDEA         PARATHEMISTO PACIFICA                  1      17
UNIDENTIFIED      UNIDENTIFIED TAXON                    43      10
                  UNIDENTIFIED TAXON                     3       0
                                                                13
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#800726057     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 89   MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.097    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS
HARPACTICOIDA      HARPACTICOID SPECIES                   8      25
LARVACEA           OIKOPLEURA DIOICA                      2       0
UNIDENTIFIED       UNIDENTIFIED TAXON                    54      25
                                                                 50


#800726058     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 91   MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.24     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS
                   EPILABIDOCERA AMPHITRITES            251      90
LARVACEA           OIKOPLEURA DIOICA                      2       0
                                                         31      10


#800726059     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 100  MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.111    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
------------------------------------------------------------------
                                                          1       5
CALANOIDA          CALANUS PACIFICUS                     19      25
                   EPILABIDOCERA AMPHITRITES              1       0
UNIDENTIFIED       UNIDENTIFIED TAXON
                                                                 70
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```
#800726060     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.408     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS                       371      90
                  EPILABIDOCERA AMPHITRITES                 9       4
FISH              FISH LARVAE                               2       0
HYPERIDEA         PARATHEMISTO PACIFICA                    10       4
LARVACEA          OIKOPLEURA DIOICA                        15       2
```

```
#800726061     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 101  MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.105     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS                         6      10
                  EPILABIDOCERA AMPHITRITES                 3       5
FISH              FISH LARVAE                               1       5
HYPERIDEA         PARATHEMISTO PACIFICA                     1       0
LARVACEA          OIKOPLEURA DIOICA                       171      25
UNIDENTIFIED      UNIDENTIFIED TAXON                               55
```

```
#800726062     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 92   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.348     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS                       253      97
                  EPILABIDOCERA AMPHITRITES                 8       3
FISH              FISH LARVAE                               1       0
```

```
#800726063     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 99   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.118    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                            1       0
CALANOIDA          CALANUS PACIFICUS                       48      35
CAPRELLIDEA        CAPRELLA SPECIES                         3       5
FISH               FISH LARVAE                              3      20
HARPACTICOIDA      HARPACTICOID SPECIES                     2       5
HYPERIDEA          PARATHEMISTO PACIFICA                    1       0
ISOPODA            ISOPODA SPECIES                          2       5
LARVACEA           OIKOPLEURA DIOICA                       22      10
UNIDENTIFIED       UNIDENTIFIED TAXON                              20


#800726064     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 89   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.322    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                      222      90
                   EPILABIDOCERA AMPHITRITES               22      10
LARVACEA           OIKOPLEURA DIOICA                       18       0


#800726065     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 96   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.078    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS                       1       5
CALANOIDA          CALANUS PACIFICUS                        8       0
FISH               FISH LARVAE                              2       0
GAMMARIDEA         GAMMARID SPECIES                         1       5
UNIDENTIFIED       UNIDENTIFIED TAXON                              80
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```
#800726066     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 90   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.063    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           17      60
                EPILABIDOCERA AMPHITRITES                    1       0
GAMMARIDEA      GAMMARID SPECIES                             2       5
UNIDENTIFIED    UNIDENTIFIED TAXON                                   5
                UNIDENTIFIED TAXON                                  30


#800726067     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 87   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.055    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            6      30
                EPILABIDOCERA AMPHITRITES                    4      20
FISH            FISH LARVAE                                  1      30
UNIDENTIFIED    UNIDENTIFIED TAXON                                  20


#800726068     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 97   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.173    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           88      60
HYPERIDEA       PARATHEMISTO PACIFICA                        1       0
LARVACEA        OIKOPLEURA DIOICA                          972      30
UNIDENTIFIED    UNIDENTIFIED TAXON                                  10
```

```
#800726069     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 99   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.112     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                        14      25
GAMMARIDEA         GAMMARID SPECIES                          1       0
MOLLUSCA           LIMACINA SPECIES                          1       5
UNIDENTIFIED       UNIDENTIFIED TAXON                               75


#800726070     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 88   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.06      GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                         2       0
UNIDENTIFIED       UNIDENTIFIED TAXON                              100


#800726071     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 95   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.083     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = VWD
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                         3       5
FISH               FISH LARVAE                               1      10
GAMMARIDEA         GAMMARID SPECIES                          1       5
UNIDENTIFIED       UNIDENTIFIED TAXON                               80
```

```
#800726072    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 90   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.064    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CIRRIPEDIA         BARNACLE CYPRIS
GAMMARIDEA         GAMMARID SPECIES                        1       0
LARVACEA           OIKOPLEURA DIOICA                       1       0
UNIDENTIFIED       UNIDENTIFIED TAXON                     95      20
                                                                  80


#800726073    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 88   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.145    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS
                                                         114      75
                   EPILABIDOCERA AMPHITRITES              21      15
GAMMARIDEA         GAMMARID SPECIES                        2       5
UNIDENTIFIED       UNIDENTIFIED TAXON                              5
                                                                   5


#800726074    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 89   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.126    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS
                                                         111      90
                   EPILABIDOCERA AMPHITRITES               6       3
GAMMARIDEA         GAMMARID SPECIES                        1       3
HARPACTICOIDA      HARPACTICOID SPECIES                    1       0
UNIDENTIFIED       UNIDENTIFIED TAXON                              4
```

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#800726075    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.13      GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON              PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                             32      30
                   EPILABIDOCERA AMPHITRITES                      7       5
LARVACEA           OIKOPLEURA DIOICA                            125      25
UNIDENTIFIED       UNIDENTIFIED TAXON                                    40


#800810001    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH =      MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------


#810423067    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 39   MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------

CALANOIDA          CALANUS GLACIALIS                              1      10
                   CALANUS PACIFICUS                              2      20
NATANTIA           NATANTIA ZOEA                                  6      20
                                                                 11      50
```

```
#810423068    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 37   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              1       0
CALANOIDA       CALANOID SPECIES                            4      10
                CALANUS PACIFICUS                           2      10
                PSEUDOCALANUS MINUTUS                      18      80
HARPACTICOIDA   HARPACTICUS SPECIES                         1       0
POLYCHAETA      POLYCHAETA SPECIES                          3       0


#810423069    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 39   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           2       0
                PSEUDOCALANUS MINUTUS                       6      10
HARPACTICOIDA   HARPACTICOID SPECIES                      182      90
                HARPACTICUS SPECIES                         2       0


#810423070    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 42   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                            1      10
CALANOIDA       CALANOID SPECIES                            7      15
                CALANUS PACIFICUS                           2      15
CUMACEAE        CUMACEAE SPECIES                            4      10
HARPACTICOIDA   HARPACTICOID SPECIES                       39      50
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#810423071     GEARTYPE - BEACH SEINE        KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 32   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.005    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                               9      40
                 CALANUS PACIFICUS                              1      10
                 PARACALANUS PARVIS                            11      50
HARPACTICOIDA    HARPACTICOID SPECIES                           3       0


#810423072     GEARTYPE - BEACH SEINE        KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 33   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.008    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                               2       0
                 CALANUS GLACIALIS                              1      10
                 CALANUS PACIFICUS                              4      10
HARPACTICOIDA    HARPACTICOID SPECIES                          75      80


#810423073     GEARTYPE - BEACH SEINE        KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 30   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.005    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                               2      10
HARPACTICOIDA    HARPACTICOID SPECIES                          26      90
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#810423074    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 29   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                        69      90
                HARPACTICUS SPECIES                          5      10


#810423075    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        34     100


#810423076    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            1      10
                PSEUDOCALANUS MINUTUS                        7      70
HARPACTICOIDA   HARPACTICOID SPECIES                         5      20


#810423077    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            14     100
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#810423078    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 40   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.016    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                        10      10
                CALANUS PACIFICUS                        6      10
                EURYTEMORA HIRUNDOIDES                   1       0
                PSEUDOCALANUS MINUTUS                    2       0
HARPACTICOIDA   HARPACTICOID SPECIES                   109      80
                HARPACTICUS SPECIES                      1       0


#810423079    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 38   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           1       0
CALANOIDA       CALANOID SPECIES                        22      50
                CALANUS PACIFICUS                        2       0
HARPACTICOIDA   HARPACTICOID SPECIES                    92      50
                HARPACTICUS SPECIES                      2       0


#810423080    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                        2      10
HARPACTICOIDA   HARPACTICOID SPECIES                    44      90
```

```
#810423081     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 32   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                            5       0
HARPACTICOIDA      HARPACTICOID SPECIES                      105     100


#810423082     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 30   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01      GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES                       78      90
                   HARPACTICUS SPECIES                         3      10


#810423083     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES                      126     100


#810423084     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 40   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                            5       2
                   CALANUS PACIFICUS                           3       3
HARPACTICOIDA      HARPACTICOID SPECIES                      137      95
                   HARPACTICUS SPECIES                         1       0
NATANTIA           NATANTIA ZOEA                               1       0
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#810423085    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 42   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

                                                          1       0
CALANOIDA       CALANUS PACIFICUS                         2       0
CUMACEAE        LAMPROPS QUADRIPLICATA                    3      10
HARPACTICOIDA   HARPACTICOID SPECIES                     11      10
                HARPACTICUS SPECIES                      20      60
NATANTIA        NATANTIA ZOEA                             5      20
POLYCHAETA      POLYCHAETA SPECIES                        2       0


#810423086    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 37   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                         10      10
                CALANUS PACIFICUS                         2      10
                PSEUDOCALANUS MINUTUS                     7      10
HARPACTICOIDA   HARPACTICOID SPECIES                     67      70
                HARPACTICUS SPECIES                       3       0


#810424019    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 47   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                         1       0
FISH            FISH SPECIES                              2      60
LARVACEA        OIKOPLEURA DIOICA                         3       0
NATANTIA        NATANTIA ZOEA                             7      40
POLYCHAETA      POLYCHAETA SPECIES                        1       0
```

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#810424020    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.001    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                       14     100
NATANTIA        NATANTIA ZOEA                               1       0


#810424021    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 29   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.001    GM
      FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           1      80
                MICROCALANUS PYGMAEUS                       1       0
CIRRIPEDIA      CYPRIS LARVA                                1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        4      20


#810424022    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 32   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.008    GM
      FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                       45     100


#810424023    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 29   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.003    GM
      FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              5      30
HARPACTICOIDA   HARPACTICOID SPECIES                       16      70
```

```
#810424024     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 30   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          20      70
                HARPACTICUS SPECIES                            3      30


#810424025     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 27   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               3      70
GAMMARIDEA      ORCHESTOIDEA SPECIES                           1      20
HARPACTICOIDA   HARPACTICOID SPECIES                           3      10


#810424026     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 43   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CIRRIPEDIA      CYPRIS LARVA                                   1       0
HARPACTICOIDA   HARPACTICOID SPECIES                          61     100


#810424027     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 31   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          17     100
```

```
#810424028    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      93      90
                HARPACTICUS SPECIES                        6      10


#810424029    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

HARPACTICOIDA   HARPACTICOID SPECIES                       3     100


#810424030    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 29   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CALANOIDA       CALANUS PACIFICUS                          2      50
HARPACTICOIDA   HARPACTICOID SPECIES                      10      50


#810424031    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 29   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

HARPACTICOIDA   HARPACTICOID SPECIES                      16     100
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```
#810424032     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 31   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
HARPACTICOIDA    HARPACTICOID SPECIES                           44     100


#810424033     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 31   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                               2       0
CIRRIPEDIA       CYPRIS LARVA                                    1       0
HARPACTICOIDA    HARPACTICOID SPECIES                          101      90
                 HARPACTICUS SPECIES                            11      10


#810424034     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 27   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
HARPACTICOIDA    HARPACTICOID SPECIES                           57     100


#810424035     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                                1       0
HARPACTICOIDA    HARPACTICOID SPECIES                           54     100
                 HARPACTICUS SPECIES                             1       0
```

```
#810424036     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 40    MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANUS GLACIALIS                          1       0
                   CALANUS PACIFICUS                          2       0
CIRRIPEDIA         CYPRIS LARVA                               2       0
GAMMARIDEA         ISCHYROCERUS ANGUIPES                      2      10
HARPACTICOIDA      HARPACTICOID SPECIES                     152      70
                   HARPACTICUS SPECIES                        5       0
POLYCHAETA         POLYCHAETA SPECIES                         9      20


#810424037     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 28    MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES                       4       0
                   HARPACTICUS SPECIES                        1       0


#810424038     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 34    MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES                      32     100
```

```
#810425001     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES
                                                         5      40
                   CALANUS GLACIALIS                     1      20
                   CALANUS PACIFICUS                     1      10
                   PSEUDOCALANUS MINUTUS                 3      30
HARPACTICOIDA      HARPACTICOID SPECIES                  3       0


#810425002     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES
                                                        38     100
                   HARPACTICUS SPECIES                   1       0


#810425003     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES
                                                         6      40
                   PSEUDOCALANUS MINUTUS                 3      20
HARPACTICOIDA      HARPACTICOID SPECIES                  7      30
NATANTIA           NATANTIA ZOEA                         1      10
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#810425004    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 26   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                              1       0
                CALANUS PACIFICUS                             1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                         50     100
                HARPACTICUS SPECIES                           2       0


#810425005    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                        14      90
HARPACTICOIDA   HARPACTICOID SPECIES                          1       0
NATANTIA        NATANTIA ZOEA                                 1      10


#810425088    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                         73     100
                HARPACTICUS SPECIES                           1       0
```

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#810425089     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES                      68     100


#810425090     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                           4      10
                   CALANUS PACIFICUS                          1       5
                   MICROCALANUS PYGMAEUS                      1       0
                   PSEUDOCALANUS MINUTUS                      2       5
CIRRIPEDIA         CYPRIS LARVA                               4       0
GAMMARIDEA         GAMMARID SPECIES                           1       0
HARPACTICOIDA      HARPACTICOID SPECIES                      61      80
                   HARPACTICUS SPECIES                        2       0


#810425091     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,     WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
                                                              1       0
CALANOIDA          CALANOID SPECIES                           1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     140     100
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#810425092    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                         84     100


#810425093    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                         1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        121     100


#810425094    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                              2       5
                PSEUDOCALANUS MINUTUS                         8      10
HARPACTICOIDA   HARPACTICOID SPECIES                         56      75
                HARPACTICUS SPECIES                           4      10
```

```
#810425095     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 29   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES
                   MICROCALANUS PYGMAEUS                    4       0
HARPACTICOIDA      HARPACTICOID SPECIES                     1       0
LARVACEA           OIKOPLEURA DIOICA                       66     100
                                                            1       0


#810425096     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES
                   HARPACTICUS SPECIES                     72     100
                                                            1       0


#810425097     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES
                                                           73     100


#810425098     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =        GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA      HARPACTICOID SPECIES
                                                           88     100
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```
#810425099     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 26   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       EURYTEMORA HIRUNDOIDES                        3       0
HARPACTICOIDA   HARPACTICOID SPECIES                         62     100
LARVACEA        OIKOPLEURA DIOICA                             1       0


#810425100     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                         58     100


#810425101     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                         1       0
GAMMARIDEA      GAMMARID SPECIES                              1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        134     100


#810425102     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 29   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                         93     100
                HARPACTICUS SPECIES                           3       0
```

```
#810425103     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     96     100


#810425104     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          MICROCALANUS PYGMAEUS                     1       0
                   PSEUDOCALANUS MINUTUS                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     40     100


#810425105     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CIRRIPEDIA         CYPRIS LARVA                              1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    119     100


#810425106     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 40   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                          1       0
CIRRIPEDIA         CYPRIS LARVA                              1       0
CUMACEAE           CUMELLA SPECIES                           7      10
HARPACTICOIDA      HARPACTICOID SPECIES                     73      70
```

```
#810425107     GEARTYPE - BEACH SEINE       KELPTYPE -

    LOCATION - MALC     POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 30   MM,      WEIGHT -        GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                           1       0
HARPACTICOIDA     HARPACTICOID SPECIES                    96     100


#810507022     GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV     POSITION - AT THE SURFACE
    LENGTH - 50   MM,      WEIGHT -        GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.035     GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 90  %,    DIGESTION - D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        80      40
                  CALANUS PACIFICUS                        1       0
                  EURYTEMORA HIRUNDOIDES                  74      40
                  MICROCALANUS PYGMAEUS                    6       0
                  PSEUDOCALANUS MINUTUS                   49      20
CUMACEAE          LAMPROPS QUADRIPLICATA                   1       0
GAMMARIDEA        ISCHYROCERUS ANGUIPES                    1       0
HARPACTICOIDA     HARPACTICOID SPECIES                    10       0
                  HARPACTICUS SPECIES                      4       0


#810507023     GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV     POSITION - AT THE SURFACE
    LENGTH - 35   MM,      WEIGHT -        GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.006     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - WD
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        12      20
HARPACTICOIDA     HARPACTICOID SPECIES                    46      80
```

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#810507024     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 53   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON               PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------

CALANOIDA           CALANOID SPECIES                       2       0
                    PSEUDOCALANUS MINUTUS                 33      30
HARPACTICOIDA       HARPACTICOID SPECIES                  23      40
NATANTIA            NATANTIA ZOEA                         65      30
                                                           1       0


#810507025     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 33   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON               PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA           CALANOID SPECIES
                    PSEUDOCALANUS MINUTUS                 69     100
HARPACTICOIDA       HARPACTICOID SPECIES                   1       0
                    HARPACTICUS SPECIES                    3       0
                                                           1       0


#810507026     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 50   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.021    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON               PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA
CALANOIDA           CALANOID SPECIES                       1       0
HARPACTICOIDA       HARPACTICOID SPECIES                  18      30
                    HARPACTICUS SPECIES                  119      70
                                                           1       0
```

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#810507027     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 42   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                          49      40
                   EURYTEMORA HIRUNDOIDES                    40      40
                   MICROCALANUS PYGMAEUS                      8       5
                   PSEUDOCALANUS MINUTUS                      9       5
HARPACTICOIDA      HARPACTICOID SPECIES                      41      10
                   HARPACTICUS SPECIES                        5       0


#810507028     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 38   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                             1       0
CALANOIDA          CALANOID COPEDID                          16       5
                   MICROCALANUS PYGMAEUS                     18      15
                   PSEUDOCALANUS MINUTUS                     58      40
CTENOPHORA         CTENOPHORE SPECIES                                10
HARPACTICOIDA      HARPACTICOID SPECIES                      66      30


#810507029     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 35   MM,      WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                          31      30
                   PSEUDOCALANUS MINUTUS                     41      30
HARPACTICOIDA      HARPACTICOID SPECIES                      67      40
```

```
#810507030    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 31   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                     49      70
                HARPACTICUS SPECIES                       7      30


#810507031    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 36   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON              PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                          7       0
                CALANOID SPECIES                        143      70
                PSEUDOCALANUS MINUTUS                    50      30
HARPACTICOIDA   HARPACTICOID SPECIES                      1       0
                HARPACTICUS SPECIES                       1       0


#810507032    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 32   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE                          NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                         26      20
HARPACTICOIDA   HARPACTICOID SPECIES                    144      80
```

```
#810507033    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 31   MM,      WEIGHT =       GM,       SEX =
      WEIGHT OF STOMACH CONTENTS = 0.009     GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                          80      70
                   PSEUDOCALANUS MINUTUS                     17      10
HARPACTICOIDA      HARPACTICOID SPECIES                      33      20


#810507034    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 31   MM,      WEIGHT =       GM,       SEX =
      WEIGHT OF STOMACH CONTENTS = 0.006     GM
      FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                          53      40
                   CALANOID SPECIES                          29      40
                   PSEUDOCALANUS MINUTUS                     11      10
HARPACTICOIDA      HARPACTICOID SPECIES                      20      10
                   HARPACTICUS SPECIES                        2       0


#810507035    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

      LOCATION = BEAV     POSITION = AT THE SURFACE
      LENGTH = 45   MM,      WEIGHT =       GM,       SEX =
      WEIGHT OF STOMACH CONTENTS = 0.033     GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                          42      10
                   CALANOID SPECIES                         191      50
                   CALANUS PACIFICUS                          2       0
                   PSEUDOCALANUS MINUTUS                     44      10
HARPACTICOIDA      HARPACTICOID SPECIES                     151      30
                   HARPACTICUS SPECIES                        1       0
```

```
#810507036     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 42   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        94      80
                  EURYTEMORA HIRUNDOIDES                  14      10
                  PSEUDOCALANUS MINUTUS                   10      10
HARPACTICOIDA     HARPACTICOID SPECIES                    16       0


#810507037     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 38   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        22      25
                  CALANUS PACIFICUS                        1       0
                  PSEUDOCALANUS MINUTUS                    2       0
HARPACTICOIDA     HARPACTICOID SPECIES                   107      75


#810507038     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 47   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
---------------------------------------------------------------------
                                                           1       0
CALANOIDA         CALANOID SPECIES                        39      30
                  EURYTEMORA HIRUNDOIDES                  36      40
                  PSEUDOCALANUS MINUTUS                    7      10
HARPACTICOIDA     HARPACTICOID SPECIES                    18      20
```

```
#810507039     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

        LOCATION = BEAV    POSITION = AT THE SURFACE
        LENGTH = 53   MM,      WEIGHT =        GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.03      GM
        FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON              PREYTYPE                                 NUMBER   VOLUME
---------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                            75       60
                   EURYTEMORA HIRUNDOIDES                      29       20
                   PSEUDOCALANUS MINUTUS                       19       10
HARPACTICOIDA      HARPACTICOID SPECIES                        32       10
                   HARPACTICUS SPECIES                          6        0


#810507040     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

        LOCATION = BEAV    POSITION = AT THE SURFACE
        LENGTH = 35   MM,      WEIGHT =        GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.014     GM
        FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                                 NUMBER   VOLUME
---------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                           121       60
                   CALANUS PACIFICUS                            1        0
                   EURYTEMORA HIRUNDOIDES                      17       10
                   PSEUDOCALANUS MINUTUS                       28       10
HARPACTICOIDA      HARPACTICOID SPECIES                        83       20


#810507059     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

        LOCATION = BEAV    POSITION = AT THE SURFACE
        LENGTH = 37   MM,      WEIGHT =        GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.015     GM
        FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                                 NUMBER   VOLUME
---------------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                               1        0
CALANOIDA          CALANOID SPECIES                           115       90
                   PSEUDOCALANUS MINUTUS                       22       10
CIRRIPEDIA         CYPRIS LARVA                                 1        0
HARPACTICOIDA      HARPACTICOID SPECIES                         6        0
                   HARPACTICUS SPECIES                          1        0
```

```
#810507061     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = BEAV    POSITION = AT THE SURFACE
      LENGTH = 27   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.003     GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             7      20
HARPACTICOIDA   HARPACTICOID SPECIES                        26      80


#810507133     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 50   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.028     GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CIRRIPEDIA      CYPRIS LARVA                                 1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        4       0
HARPACTICOIDA   HARPACTICOID SPECIES                       187     100
                HARPACTICUS SPECIES                         10       0


#810507134     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

      LOCATION = NAIR    POSITION = AT THE SURFACE
      LENGTH = 43   MM,      WEIGHT =        GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.028     GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             6       0
                CALANUS PACIFICUS                            2       0
                PSEUDOCALANUS MINUTUS                        1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        2       0
HARPACTICOIDA   HARPACTICOID SPECIES                       206      90
                HARPACTICUS SPECIES                         15      10
```

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#810507135    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 54   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          5       5
                CALANUS PACIFICUS                         2      10
                PSEUDOCALANUS MINUTUS                     4       5
CIRRIPEDIA      CYPRIS LARVA                              1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     31      40
                HARPACTICUS SPECIES                      12      40
                PORCELLIDIUM SARSI                        1       0


#810507136    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 46   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          1       0
CIRRIPEDIA      CYPRIS LARVA                              2       0
CUMACEAE        LAMPROPS QUADRIPLICATA                    1       0
HARPACTICOIDA   HARPACTICOID SPECIES                    103     100
                HARPACTICUS SPECIES                       3       0
ISOPODA         GNATHIA SPECIES                           1       0
POLYCHAETA      POLYCHAETA SPECIES                        1       0


#810507137    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 48   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            1       0
CALANOIDA       CALANOID COPEDID                          4       0
                CALANOID SPECIES                          1       0
                PSEUDOCALANUS MINUTUS                     1       0
CIRRIPEDIA      CYPRIS LARVA                              3       0
HARPACTICOIDA   HARPACTICOID SPECIES                     93      50
                HARPACTICUS SPECIES                      39      50
MOLLUSCA        GASTROPODA JUVENILE                       1       0
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#810507138    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 43   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.022    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANUS PACIFICUS                        49     100
GAMMARIDEA        ISCHYROCERUS ANGUIPES                     1       0


#810507139    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 40   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
                                                            2       0
BRACHYURA         BRACHYURA ZOEA                            2       0
HARPACTICOIDA     HARPACTICOID SPECIES                    175     180
                  HARPACTICUS SPECIES                       1       0


#810507140    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 43   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.027    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                          6       0
                  CALANUS PACIFICUS                         1       0
                  PSEUDOCALANUS MINUTUS                     4       0
GAMMARIDEA        ISCHYROCERUS ANGUIPES                     2       0
HARPACTICOIDA     HARPACTICOID SPECIES                    214      90
                  HARPACTICUS SPECIES                      25      10
```

```
#810507141     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 43   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.019    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                             5       0
CIRRIPEDIA      CYPRIS LARVA                                  2       0
CLADOCERA       PODON POLYPHEMOIDES                           3       0
HARPACTICOIDA   HARPACTICOID SPECIES                        183     100
                HARPACTICUS SPECIES                           7       0


#810507142     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 50   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            20      50
                PSEUDOCALANUS MINUTUS                         1       0
CIRRIPEDIA      CYPRIS LARVA                                  4       0
HARPACTICOIDA   HARPACTICOID SPECIES                        267      50


#810507143     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 46   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.027    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                              7       0
                CALANUS PACIFICUS                             8       0
CIRRIPEDIA      CYPRIS LARVA                                  1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         2       0
HARPACTICOIDA   HARPACTICOID SPECIES                        323     100
                HARPACTICUS SPECIES                          13       0
```

```
#810507144     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 52   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
------------------------------------------------------------------
                                                      1       0
CLADOCERA          PODON POLYPHEMOIDES                1       0
FISH               FISH LARVAE                        1      10
HARPACTICOIDA      HARPACTICOID SPECIES              46      90
                   HARPACTICUS SPECIES                1       0
```

```
#810507145     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 39   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
------------------------------------------------------------------
                                                     79      60
CALANOIDA          CALANOID SPECIES                   8       0
                   CALANUS PACIFICUS                 13      40
GAMMARIDEA         GAMMARID SPECIES                   1       0
HARPACTICOIDA      HARPACTICUS SPECIES                5       0
```

```
#810507146     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 35   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                   NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                  10      20
                   CALANUS PACIFICUS                 11      20
                   PSEUDOCALANUS MINUTUS             13      20
HARPACTICOIDA      HARPACTICOID SPECIES              37      30
                   HARPACTICUS SPECIES                5      10
```

```
#810507147    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 32   MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                           12      50
                   CALANUS PACIFICUS                           4      10
GAMMARIDEA         ISCHYROCERUS ANGUIPES                       2      10
HARPACTICOIDA      HARPACTICOID SPECIES                       43      30


#810507166    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 42   MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                           10      20
                   CALANUS PACIFICUS                           1       0
                   PSEUDOCALANUS MINUTUS                      18      30
HARPACTICOIDA      HARPACTICOID SPECIES                       63      40
                   HARPACTICUS SPECIES                         6      10


#810507167    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 51   MM,     WEIGHT =      GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.03     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                           3       0
                   PSEUDOCALANUS MINUTUS                       3       0
GAMMARIDEA         ISCHYROCERUS ANGUIPES                       6       0
HARPACTICOIDA      HARPACTICOID SPECIES                      214     100
                   HARPACTICUS SPECIES                         1       0
```

```
#810507168     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 45   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.024    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
                                                        1       0
BRACHYURA          BRACHYURA ZOEA                       2       0
CALANOIDA          CALANOID SPECIES                     5       0
CUMACEAE           CUMELLA SPECIES                      1       0
HARPACTICOIDA      HARPACTICOID SPECIES               281     100
                   HARPACTICUS SPECIES                  2       0


#810507169     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 45   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.017    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                    1       0
CIRRIPEDIA         CYPRIS LARVA                         1       0
HARPACTICOIDA      HARPACTICOID SPECIES               133      90
                   HARPACTICUS SPECIES                 19      10


#810507170     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = NAIR     POSITION = AT THE SURFACE
     LENGTH = 40   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                       1       0
CALANOIDA          CALANOID SPECIES                    10       5
                   CALANUS PACIFICUS                    1       0
                   PSEUDOCALANUS MINUTUS               11       5
HARPACTICOIDA      HARPACTICOID SPECIES               148      90
                   HARPACTICUS SPECIES                  5       0
```

```
#810511003     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 29   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------

                                                          2      10
CALANOIDA        CALANOID SPECIES                         1       0
GAMMARIDEA       PARAMOERI MOHRI (UNDESCRIBED)            4      90


#810511004     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                        2      20
CIRRIPEDIA       CYPRIS LARVA                             1       0
HARPACTICOIDA    HARPACTICOID SPECIES                    35      80


#810511005     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 26   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                        4      40
HARPACTICOIDA    HARPACTICOID SPECIES                     3      20
                 HARPACTICUS SPECIES                      3      40
```

```
#810511006     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 30   MM,     WEIGHT =       GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.006    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                      1       0
HARPACTICOIDA     HARPACTICOID SPECIES                 83     100


#810511007     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.007    GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
                                                        1       0
CALANOIDA         CALANUS PACIFICUS                     6      30
                  PSEUDOCALANUS MINUTUS                 2       0
HARPACTICOIDA     HARPACTICOID SPECIES                 85      70


#810511008     GEARTYPE = BEACH SEINE        KELPTYPE =

      LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
      LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
      WEIGHT OF STOMACH CONTENTS = 0.009    GM
      FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                 1       0
HARPACTICOIDA     HARPACTICOID SPECIES                 33      50
                  HARPACTICUS SPECIES                  16      50
```

```
#810511009     GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          75     100


#810511010     GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                           5      50
                HARPACTICUS SPECIES                            3      50


#810511011     GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          33     100
                HARPACTICUS SPECIES                            2       0


#810511012     GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 29   MM,       WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                 1       0
HARPACTICOIDA   HARPACTICOID SPECIES                          97     100
```

```
#810511013     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          2     100


#810511014     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          1     100


#810511015     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                             2      10
HARPACTICOIDA   HARPACTICOID SPECIES                         17      90


#810511016     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009     GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                1       0
CALANOIDA       CALANOID SPECIES                              8       5
                PSEUDOCALANUS MINUTUS                        12       5
HARPACTICOIDA   HARPACTICOID SPECIES                        128      90
                HARPACTICUS SPECIES                           2       0
```

```
#810511017    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

GAMMARIDEA      PONTOGENEIA INTERMEDIA                    1      20
HARPACTICOIDA   HARPACTICOID SPECIES                     47      80


#810511018    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = B
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

HARPACTICOIDA   HARPACTICOID SPECIES                     57     100


#810511019    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 42   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

                                                          1       0
CALANOIDA       CALANOID SPECIES                          3       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     2       0
HARPACTICOIDA   HARPACTICOID SPECIES                     23      50
                HARPACTICUS SPECIES                      12      50
```

#810511020 GEARTYPE = BEACH SEINE KELPTYPE =

LOCATION = MALC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 47 MM, WEIGHT = GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.015 GM
FULLNESS OF CARDIAC CHAMBER = 25 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 75 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| CUMACEAE | LAMPROPS QUADRIPLICATA | 1 | 0 |
| GAMMARIDEA | ISCHYROCERUS ANGUIPES | 1 | 0 |
|  | PARAMOERI MOHRI (UNDESCRIBED) | 3 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 3 | 0 |
|  | HARPACTICUS SPECIES | 85 | 100 |

#810511041 GEARTYPE = BEACH SEINE KELPTYPE =

LOCATION = MALC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 25 MM, WEIGHT = GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.003 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| CALANOIDA | CALANUS PACIFICUS | 1 | 10 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 35 | 90 |
|  | HARPACTICUS SPECIES | 1 | 0 |

#810511042 GEARTYPE = BEACH SEINE KELPTYPE =

LOCATION = MALC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 27 MM, WEIGHT = GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.002 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| CALANOIDA | CALANOID SPECIES | 2 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 28 | 100 |

```
#810524010     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                            2       5
CALANOIDA       PSEUDOCALANUS MINUTUS                      47      50
CUMACEAE        CUMELLA SPECIES                            12      15
HARPACTICOIDA   HARPACTICOID SPECIES                       62      30


#810524031     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 55   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.049     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                           33      20
BRACHYURA       BRACHYURA ZOEA                              1       0
CALANOIDA       CALANOID SPECIES                          100      40
                CALANUS PACIFICUS                           1       0
                PSEUDOCALANUS MINUTUS                      76      30
CUMACEAE        CUMELLA SPECIES                             5       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        8       0
                HARPACTICUS SPECIES                        15      10
HYPERIDEA       PARATHEMISTO SPECIES                        2       0


#810524033     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 55   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.047     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                           35      30
CALANOIDA       CALANOID SPECIES                          136      20
                PSEUDOCALANUS MINUTUS                      58      10
CUMACEAE        CUMELLA SPECIES                            46      30
HARPACTICOIDA   HARPACTICOID SPECIES                        5       0
                HARPACTICUS SPECIES                        24      10
```

```
#810524035     GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 56   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01     GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                            NUMBER  VOLUME
--------------------------------------------------------------------

                                                        18      80
CALANOIDA         CALANOID SPECIES                       5       0
                  PSEUDOCALANUS MINUTUS                 16      20
HARPACTICOIDA     HARPACTICOID SPECIES                   1       0
                  HARPACTICUS SPECIES                    4       0


#810524036     GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 50   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.03     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                            NUMBER  VOLUME
--------------------------------------------------------------------

                                                         1       0
                                                        14      20
ARACHNIDA         ARACHNIDA SPECIES                      1       0
CALANOIDA         CALANOID SPECIES                     106      60
                  CALANUS PACIFICUS                      1       0
                  PSEUDOCALANUS MINUTUS                 15       0
CUMACEAE          CUMELLA SPECIES                       36      20
HARPACTICOIDA     HARPACTICOID SPECIES                  17       0
                  HARPACTICUS SPECIES                    7       0


#810524037     GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 42   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                            NUMBER  VOLUME
--------------------------------------------------------------------

                                                         4      10
CALANOIDA         CALANOID SPECIES                      30      20
                  CALANUS PACIFICUS                      1       0
                  PSEUDOCALANUS MINUTUS                 16      10
CUMACEAE          CUMELLA SPECIES                        9      20
HARPACTICOIDA     HARPACTICOID SPECIES                  59      40
                  HARPACTICUS SPECIES                    6       0
```

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#810524038     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.028    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                            21      30
CALANOIDA        CALANOID SPECIES                           46      15
                 CALANUS PACIFICUS                           5       0
                 PSEUDOCALANUS MINUTUS                      45      15
CUMACEAE         CUMELLA SPECIES                             4      10
HARPACTICOIDA    HARPACTICOID SPECIES                      182      25
                 HARPACTICUS SPECIES                        18       5


#810524039     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 39   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.019    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                             9      30
CALANOIDA        CALANOID SPECIES                           56      30
                 CALANUS PACIFICUS                           6      10
                 PSEUDOCALANUS MINUTUS                      22      20
HARPACTICOIDA    HARPACTICOID SPECIES                       28      10
                 HARPACTICUS SPECIES                         1       0


#810524041     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 50   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.021    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                            20      30
CALANOIDA        CALANOID SPECIES                           40      20
                 CALANUS PACIFICUS                          10      20
                 PSEUDOCALANUS MINUTUS                      31      20
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       4      10
HARPACTICOIDA    HARPACTICOID SPECIES                        7       0
                 HARPACTICUS SPECIES                         2       0
NATANTIA         NATANTIA ZOEA                               1       0
```

```
#810524044    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------

                                                           2      10
CALANOIDA         CALANOID SPECIES                         4      10
CUMACEAE          CUMELLA SPECIES                         17      60
HARPACTICOIDA     HARPACTICOID SPECIES                     1       0
                  HARPACTICUS SPECIES                      5      20


#810524046    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.022    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        19       5
                  CALANUS PACIFICUS                       12      30
                  PSEUDOCALANUS MINUTUS                   27      15
HARPACTICOIDA     HARPACTICOID SPECIES                   130      50
                  HARPACTICUS SPECIES                      2       0


#810524048    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 41   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------

                                                           6       0
BRACHYURA         BRACHYURA ZOEA                           1       0
CALANOIDA         CALANOID SPECIES                       129      70
                  PSEUDOCALANUS MINUTUS                   37      20
HARPACTICOIDA     HARPACTICOID SPECIES                    21      10
                  HARPACTICUS SPECIES                      3       0
```

```
#810524049    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 37   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                        25      60
CALANOIDA        CALANOID SPECIES                       16      20
                 CALANUS PACIFICUS                       4      10
                 PSEUDOCALANUS MINUTUS                   6       0
HARPACTICOIDA    HARPACTICOID SPECIES                   26      10
                 HARPACTICUS SPECIES                     4       0


#810524050    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                         4      10
CALANOIDA        CALANOID SPECIES                       56      50
                 CALANUS PACIFICUS                       2       0
                 PSEUDOCALANUS MINUTUS                  39      40
HARPACTICOIDA    HARPACTICOID SPECIES                    9       0


#810524051    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.022    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                         6      10
CALANOIDA        CALANOID SPECIES                       13      10
                 CALANUS PACIFICUS                      10      30
                 PSEUDOCALANUS MINUTUS                   5       0
CIRRIPEDIA       CYPRIS LARVA                            1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   72      50
                 HARPACTICUS SPECIES                     1       0
```

```
#810524052     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 39   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------

                                                              9      40
CALANOIDA          CALANOID SPECIES                          14      20
                   CALANUS PACIFICUS                          5      40
                   PSEUDOCALANUS MINUTUS                      1       0
HARPACTICOIDA      HARPACTICOID SPECIES                       1       0
                   HARPACTICUS SPECIES                        1       0


#810524053     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 50   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.031     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------

                                                              6      10
CALANOIDA          CALANOID SPECIES                          40      20
                   PSEUDOCALANUS MINUTUS                     85      40
CUMACEAE           CUMELLA SPECIES                           15      10
HARPACTICOIDA      HARPACTICOID SPECIES                      59      20
                   HARPACTICUS SPECIES                        6       0


#810524054     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 41   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.026     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------

                                                              3       0
CALANOIDA          CALANOID SPECIES                          75      60
                   CALANUS PACIFICUS                          8      10
                   EUCALANUS BUNG[illegible]BUNGI                      1       0
                   PSEUDOCALANUS MINUTUS                     36      10
HARPACTICOIDA      HARPACTICOID SPECIES                       7       0
                   HARPACTICUS SPECIES                       19      20
```

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#810524055    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            74      50
                METRIDIA PACIFICA                            9      10
                MICROCALANUS PYGMAEUS                        1       0
                PSEUDOCALANUS MINUTUS                       16      10
HARPACTICOIDA   HARPACTICOID SPECIES                        28      10
                HARPACTICUS SPECIES                         16      20


#810524056    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 38   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             6      20
CALANOIDA       CALANOID SPECIES                            47      40
                CALANUS PACIFICUS                            8      20
                MICROCALANUS PYGMAEUS                        3       0
                PSEUDOCALANUS MINUTUS                       16      10
HARPACTICOIDA   HARPACTICOID SPECIES                        22      10


#810524057    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
CALANOIDA       CALANOID SPECIES                            38      30
                CALANUS PACIFICUS                            1       0
                PSEUDOCALANUS MINUTUS                       55      70
HARPACTICOIDA   HARPACTICOID SPECIES                         7       0
                HARPACTICUS SPECIES                          4       0
INSECTA         INSECTA SPECIES                              1       0
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#810623004    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 85   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.057      GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
                                                           4        0
                                                          68       50
CALANOIDA          AETEDIUS ARMATUS                        1        0
                   CALANOID SPECIES                       15       40
                   CALANUS GLACIALIS                       4       10
CUMACEAE           CUMELLA SPECIES                         2        0
                   LAMPROPS QUADRIPLICATA                  2        0
GAMMARIDEA         ISCHYROCERUS ANGUIPES                   2        0
                   PHOTIS BREVIPES                         2        0
                   PONTOGENEIA INERMIS                     2        0
HARPACTICOIDA      HARPACTICOID SPECIES                    5        0
INSECTA            HYMENOPTERA ADULTS                      1        0


#810628023    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 80   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.084      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                        3        0
                   CALANUS PACIFICUS                       8       20
CHAETOGNATHA       SAGITTA SPECIES                         2       10
FISH               FISH LARVAE                            16       70
NATANTIA           NATANTIA ZOEA                           2        0


#810628024    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 90   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
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#810728014     GEARTYPE = GILLNET               KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 375  MM,      WEIGHT = 827  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------



#810802001     GEARTYPE = PURSE SEINE         KELPTYPE =

     LOCATICN = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 123  MM,      WEIGHT = 18   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.021    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
                                                                      100
NATANTIA           NATANTIA ZOEA                                1       0


#810802002     GEARTYPE = PURSE SEINE         KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 110  MM,      WEIGHT = 15   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.042    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                            12      60
                   CALANUS GLACIALIS                            2      20
                   EPILABIDOCERA AMPHITRITES                    2      20
CIRRIPEDIA         CYPRIS LARVA                                 1       0
NATANTIA           NATANTIA ZOEA                                1       0
```

```
#810802003     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,      WEIGHT = 12   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.019     GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA      HARPACTICUS SPECIES                      1       0
LARVACEA           OIKOPLEURA DIOICA                       14     100


#810802004     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 112  MM,      WEIGHT = 13   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.075     GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
                                                            1       0
CALANOIDA          CALANOID SPECIES                        32      40
                   CALANUS GLACIALIS                       27      40
                   CALANUS PACIFICUS                        1       0
HARPACTICOIDA      HARPACTICUS SPECIES                      3       0
LARVACEA           OIKOPLEURA DIOICA                       33      20
POLYCHAETA         POLYCHAETA SPECIES                       1       0


#810802005     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 115  MM,      WEIGHT = 11   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.08      GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                        2      10
GAMMARIDEA         ISCHYROCERUS ANGUIPES                    1      10
                   PONTOGENEIA INERMIS                      5      40
LARVACEA           OIKOPLEURA DIOICA                       26      40
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```
#810802006     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 114  MM,      WEIGHT = 13   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.023    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                            1       0
LARVACEA        OIKOPLEURA DIOICA                          20     100


#810802007     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 125  MM,      WEIGHT = 14   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.017    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                              3      10
CALANOIDA       CALANOID SPECIES                           12      80
                PSEUDOCALANUS MINUTUS                       2      10
CLADOCERA       PODON POLYPHEMOIDES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        1       0
NEMATODA        NEMATODA SPECIES                            1       0


#810802008     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 120  MM,      WEIGHT = 16   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                            5      70
CIRRIPEDIA      CYPRIS LARVA                                1      10
HARPACTICOIDA   HARPACTICOID SPECIES                        1      10
HYPERIDEA       PARATHEMISTO SPECIES                        1      10
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```
#810802009     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 120  MM,      WEIGHT = 15   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.074    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                               1      10
CALANOIDA        CALANOID COPEDID                             1       0
CLADOCERA        PODON POLYPHEMOIDES                          1       0
FISH             FISH LARVAE                                  1      10
LARVACEA         OIKOPLEURA DIOICA                           15      60
NATANTIA         NATANTIA ZOEA                                2      20


#810802010     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 111  MM,      WEIGHT = 14   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.085    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                               2       0
CALANOIDA        CALANOID SPECIES                            32      60
                 CALANUS GLACIALIS                            8      20
FISH             FISH LARVAE                                 11      20
GAMMARIDEA       LAETMATOPHILUS (PHOTIS) SPECIES              1       0
INSECTA          INSECTA ADULT                                1       0
LARVACEA         OIKOPLEURA DIOICA                            7       0
NATANTIA         NATANTIA ZOEA                                1       0


#810802011     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 118  MM,      WEIGHT = 15   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.042    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                               3      10
CALANOIDA        AETEDIUS ARMATUS                             9      30
                 CALANOID SPECIES                             5      20
                 CALANUS GLACIALIS                            7      30
                 METRIDIA PACIFICA                            2       0
                 PSEUDOCALANUS MINUTUS                        5      10
GAMMARIDEA       GAMMARID SPECIES                             1       0
HARPACTICOIDA    HARPACTICUS SPECIES                          1       0
NATANTIA         NATANTIA ZOEA                                2       0
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#810802012    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 111  MM,       WEIGHT = 11    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 10  %,    DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       EPILABIDOCERA AMPHITRITES                    1      30
FISH            FISH LARVAE                                  1      30
LARVACEA        OIKOPLEURA DIOICA                            7      40


#810802013    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 103  MM,       WEIGHT = 8     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            1       0
CIRRIPEDIA      CYPRIS LARVA                                 1       0
CLADOCERA       PODON POLYPHEMOIDES                          1       0
HARPACTICOIDA   HARPACTICOID SPECIES                         1       0
LARVACEA        OIKOPLEURA DIOICA                           36     100
NATANTIA        NATANTIA ZOEA                                1       0


#810802015    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 117  MM,       WEIGHT = 13    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.05      GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                             1       0
                CALANOID SPECIES                            35      60
                CALANUS GLACIALIS                           26      40
CIRRIPEDIA      CYPRIS LARVA                                 2       0
CLADOCERA       PODON POLYPHEMOIDES                          9       0
NATANTIA        NATANTIA ZOEA                                2       0
```

```
#810802016     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 112  MM,      WEIGHT = 11   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.047    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                               4     30
CALANOIDA       AETEDIUS ARMATUS                             1      5
                CALANUS GLACIALIS                            1     10
                CALANUS PACIFICUS                            1      5
CIRRIPEDIA      CYPRIS LARVA                                 1     10
HARPACTICOIDA   HARPACTICOID SPECIES                         1      0
NATANTIA        NATANTIA ZOEA                                3     30
NEMATODA        NEMATODA SPECIES                             1     10


#810802018     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 120  MM,      WEIGHT = 18   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                100


#810802019     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 124  MM,      WEIGHT = 19   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.061    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                               1      0
CALANOIDA       CALANOID SPECIES                            10     40
                CALANUS GLACIALIS                            2     10
                CALANUS PLUMCHRUS                            1     10
LARVACEA        OIKOPLEURA DIOICA                           17     30
NATANTIA        NATANTIA ZOEA                                3     10
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#810802020    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 115  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.116    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                  80
BRACHYURA       BRACHYURA MEGALOPS                           2       0
                BRACHYURA ZOEA                               2       0
GAMMARIDEA      PONTOGENEIA INERMIS                          2      20


#810803018    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 130  MM,      WEIGHT = 23   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.342    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          11      30
CALANOIDA       EPILABIDOCERA AMPHITRITES                    1       0
GAMMARIDEA      PONTOGENEIA INERMIS                         36      70


#810803019    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 127  MM,      WEIGHT = 22   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.571    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
BRACHYURA       BRACHYURA ZOEA                               1       0
CALANOIDA       CALANOID SPECIES                             2       0
                CALANUS GLACIALIS                            7       0
                EPILABIDOCERA AMPHITRITES                    1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        3       0
                PONTOGENEIA INERMIS                         87     100
NATANTIA        NATANTIA ZOEA                                2       0
```

```
#810803020    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 118  MM,     WEIGHT = 18   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.332    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          EPILABIDOCERA AMPHITRITES                  2       0
GAMMARIDEA         PONTOGENEIA INERMIS                       52     100


#810803021    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 122  MM,     WEIGHT = 19   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.297    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS                         2       0
CALANOIDA          CALANOID SPECIES                          15      20
                   CALANUS GLACIALIS                          2       0
                   EPILABIDOCERA AMPHITRITES                  7      10
GAMMARIDEA         PARAMOERI MOHRI (UNDESCRIBED)              1       0
                   PONTOGENEIA INERMIS                       34      70


#810803022    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 124  MM,     WEIGHT = 20   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.918    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                           4       0
                   CALANUS GLACIALIS                         31      20
                   EPILABIDOCERA AMPHITRITES                 12       0
GAMMARIDEA         PONTOGENEIA INERMIS                      144      80
NATANTIA           NATANTIA ZOEA                              9       0
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#810803023    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 118  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.424    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                     92     100


#810803024    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 125  MM,      WEIGHT = 20   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.551    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                      11       0
                BRACHYURA ZOEA                           1       0
CLADOCERA       PODON POLYPHEMOIDES                      1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    2       0
                PONTOGENEIA INERMIS                     94     100
ISOPODA         IDOTEA SPECIES                           1       0


#810803025    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 128  MM,      WEIGHT = 24   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.592    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                        1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    1       0
                PONTOGENEIA INERMIS                     98     100
HYPERIDEA       PARATHEMISTO SPECIES                     1       0
NEMATODA        NEMATODA SPECIES                         2       0
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#810803026    GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 122  MM,      WEIGHT - 20   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.28      GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              2       0
CALANOIDA       CALANUS GLACIALIS                           2       0
                EPILABIDOCERA AMPHITRITES                   9      30
GAMMARIDEA      PONTOGENEIA INERMIS                        29      70


#810803027    GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 122  MM,      WEIGHT - 22   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.907     GM
     FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 90  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          2       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       1       0
                PONTOGENEIA INERMIS                       146     100
HARPACTICOIDA   HARPACTICUS SPECIES                         1       0


#810803028    GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 128  MM,      WEIGHT - 23   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.8       GM
     FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 90  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                         32      10
CALANOIDA       EPILABIDOCERA AMPHITRITES                   1       0
GAMMARIDEA      GAMMARID SPECIES                            1       0
                PONTOGENEIA INERMIS                       119      90
MYSIDACEAE      MYSID SPECIES                               1       0
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#810803029     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

    LOCATION - NERC      POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 127  MM,       WEIGHT - 22   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.314    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                             6      10
CALANOIDA       AETEDIUS ARMATUS                               1       0
                CALANUS GLACIALIS                              8      10
                EPILABIDOCERA AMPHITRITES                     12      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                          1       0
                PONTOGENEIA INERMIS                           31      60


#810803030     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

    LOCATION - NERC      POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 123  MM,       WEIGHT - 20   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.237    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,    DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA       EPILABIDOCERA AMPHITRITES                      1       0
GAMMARIDEA      PONTOGENEIA INERMIS                           35     100


#810803031     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

    LOCATION - NERC      POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 131  MM,       WEIGHT - 25   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.784    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 90  %,    DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                            31      20
CALANOIDA       CALANUS GLACIALIS                              1       0
                EPILABIDOCERA AMPHITRITES                      8       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                          2       0
                PONTOGENEIA INERMIS                           91      80
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#810803032     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 120  MM,       WEIGHT - 18   GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.481    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                           NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        EPILABIDOCERA AMPHITRITES               6       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   1       0
                 PONTOGENEIA INERMIS                    65     100


#810803033     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 122  MM,       WEIGHT - 18   GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.399    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - WD
TAXON            PREYTYPE                           NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                       1       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   1       0
                 PONTOGENEIA INERMIS                    50     100


#810803034     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 124  MM,       WEIGHT - 19   GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.353    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION -
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION -
TAXON            PREYTYPE                           NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                     30      45
CALANOIDA        CALANUS GLACIALIS                       5       5
                 EPILABIDOCERA AMPHITRITES               7       5
CLADOCERA        PODON POLYPHEMOIDES                     1       0
GAMMARIDEA       PONTOGENEIA INERMIS                    32      45
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#810803035    GEARTYPE = PURSE SEINE      KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 138  MM,      WEIGHT = 29   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.727    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                         7       0
CALANOIDA       EPILABIDOCERA AMPHITRITES                  4       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      2       0
                PONTOGENEIA INERMIS                       71     100


#810803037    GEARTYPE = PURSE SEINE      KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 143  MM,      WEIGHT = 32   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.945    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             2       0
CALANOIDA       CALANUS GLACIALIS                         18      10
                EPILABIDOCERA AMPHITRITES                  5       0
CHAETOGNATHA    SAGITTA SPECIES                            2       0
FISH            FISH LARVAE                               10       0
GAMMARIDEA      PONTOGENEIA INERMIS                      111      90
HYPERIDEA       PARATHEMISTO SPECIES                       1       0


#810806003    GEARTYPE = GILLNET          KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 480  MM,      WEIGHT = 1914 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
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```
#810806004     GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 460  MM,     WEIGHT = 1594 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------


#810806006     GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 470  MM,     WEIGHT = 1872 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------


#810806012     GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 460  MM,     WEIGHT = 1851 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------


#810806013     GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 460  MM,     WEIGHT = 1618 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
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#810806014    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 340  MM,     WEIGHT - 751  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------


#810806015    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 480  MM,     WEIGHT - 1715 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------


#810809004    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 450  MM,     WEIGHT - 1520 GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------


#810816004    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 500  MM,     WEIGHT - 1975 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
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```
#810816005     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 480  MM,      WEIGHT = 1764 GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------



#810816006     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 505  MM,      WEIGHT = 1704 GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.962    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
UNIDENTIFIED    UNIDENTIFIED TAXON                                100


#810816007     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 455  MM,      WEIGHT = 1381 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------



#810816009     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 480  MM,      WEIGHT = 1482 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
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```
#810816010    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 500  MM,      WEIGHT = 1760 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------



#810828002    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 522  MM,      WEIGHT = 2000 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------



#810828004    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 505  MM,      WEIGHT = 1650 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------



#810907001    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 530  MM,      WEIGHT = 3700 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
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```
#810919024     GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 130  MM,      WEIGHT = 29   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.263    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                          20      30
                 CALANUS GLACIALIS                          5       6
                 EPILABIDOCERA AMPHITRITES                  6       7
                 METRIDIA PACIFICA                          6       7
CHAETOGNATHA     SAGITTA SPECIES                            8      10
GAMMARIDEA       ISCHYROCERUS ANGUIPES                      4       5
                 PONTOGENEIA INERMIS                       15      25
HYPERIDEA        PARATHEMISTO SPECIES                       7      10
ISOPODA          ISOPODA SPECIES                            1       0


#810919025     GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 158  MM,      WEIGHT = 52   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.62     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                             2       0
CALANOIDA        CALANOID SPECIES                          12      15
                 CALANUS GLACIALIS                          1       0
                 EPILABIDOCERA AMPHITRITES                  8      10
CAPRELLIDEA      CAPRELLA EQUILIBRIA                        1       0
CHAETOGNATHA     SAGITTA SPECIES                            5      15
GAMMARIDEA       PONTOGENEIA INERMIS                        5      15
HYPERIDEA        PARATHEMISTO SPECIES                       9      15
NATANTIA         NATANTIA ZOEA                             16      30


#810919026     GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 165  MM,      WEIGHT = 56   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA       PONTOGENEIA INERMIS                        1     100
```

```
#810919027    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 160  MM,      WEIGHT = 44   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.821    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                          1       0
CALANOIDA        AETEDIUS ARMATUS                         2       0
                 CALANOID SPECIES                        17      10
                 CALANUS GLACIALIS                        7       0
                 EPILABIDOCERA AMPHITRITES              121      70
                 METRIDIA PACIFICA                        2       0
CHAETOGNATHA     SAGITTA SPECIES                         35      10
GAMMARIDEA       PONTOGENEIA INERMIS                      1       0
HYPERIDEA        PARATHEMISTO SPECIES                     3       0
LARVACEA         OIKOPLEURA DIOICA                       59      10
NEMATODA         NEMATODA SPECIES                         2       0


#810919028    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 158  MM,      WEIGHT = 43   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.547    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        METRIDIA PACIFICA                        2       0
CHAETOGNATHA     SAGITTA SPECIES                          3       5
GAMMARIDEA       CALLIOPIELLA PRATTI                      1       0
                 ISCHYROCERUS ANGUIPES                   25      40
                 PONTOGENEIA INERMIS                     36      50
HYPERIDEA        PARATHEMISTO SPECIES                     6       5


#810919029    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 145  MM,      WEIGHT = 44   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.576    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                          1       0
CALANOIDA        CALANOID SPECIES                        26      15
                 EPILABIDOCERA AMPHITRITES               24      15
CHAETOGNATHA     SAGITTA SPECIES                         19      20
EUPHAUSIACEAE    EUPHAUSIACEAE SPECIES                    2      30
GAMMARIDEA       PONTOGENEIA INERMIS                      2       0
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HYPERIDEA       PARATHEMISTO SPECIES                          40      20


#810919031    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 148  MM,      WEIGHT = 39   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.663    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                               1       0
                CALANOID SPECIES                              17      10
                CALANUS GLACIALIS                              6       0
                EPILABIDOCERA AMPHITRITES                     72      50
CHAETOGNATHA    SAGITTA SPECIES                                7       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         11       0
                PONTOGENEIA INERMIS                           26      40
HYPERIDEA       PARATHEMISTO SPECIES                          10       0
ISOPODA         IDOTEA UROTOMA                                 1       0
NATANTIA        NATANTIA ZOEA                                  2       0


#810919032    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 130  MM,      WEIGHT = 26   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.42     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                 7       0
CALANOIDA       CALANOID SPECIES                              71      40
                CALANUS GLACIALIS                             27      15
                EPILABIDOCERA AMPHITRITES                      2       0
                METRIDIA FACIFICA                             47      25
CHAETOGNATHA    SAGITTA SPECIES                                7       0
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)                  1       0
                PONTOGENEIA INERMIS                            5       0
HYPERIDEA       PARATHEMISTO SPECIES                          57      20
MOLLUSCA        LIRULARIA SPECIES                              1       0
NATANTIA        NATANTIA ZOEA                                  3       0
```

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#810919033    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 143  MM,      WEIGHT = 41   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.314    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                            6      10
                CALANUS GLACIALIS                          18      30
CHAETOGNATHA    SAGITTA SPECIES                             7      10
HYPERIDEA       PARATHEMISTO SPECIES                       28      50
NATANTIA        NATANTIA ZOEA                               5       0


#810919034    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 132  MM,      WEIGHT = 29   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.281    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                              1       0
CALANOIDA       AETEDIUS ARMATUS                            4       5
                CALANUS GLACIALIS                          23      20
                EPILABIDOCERA AMPHITRITES                   9      10
                METRIDIA PACIFICA                           5       5
CHAETOGNATHA    SAGITTA SPECIES                            21      40
GAMMARIDEA      PONTOGENEIA INERMIS                         1       0
HYPERIDEA       PARATHEMISTO SPECIES                       19      20
NATANTIA        NATANTIA ZOEA                               4       0
NEMATODA        NEMATODA SPECIES                            1       0


#810919035    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 138  MM,      WEIGHT = 31   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.143    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANUS GLACIALIS                           7      30
                EPILABIDOCERA AMPHITRITES                   2      10
                METRIDIA PACIFICA                           3      10
CHAETOGNATHA    SAGITTA SPECIES                             2      20
HYPERIDEA       PARATHEMISTO SPECIES                        6      30
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#810919036     GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 140  MM,      WEIGHT = 33   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.545    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             1       0
CALANOIDA       CALANUS GLACIALIS                          2       0
                EPILABIDOCERA AMPHITRITES                 13      10
CAPRELLIDEA     CAPRELLA EQUILIBRIA                        1       0
CHAETOGNATHA    SAGITTA SPECIES                           10      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      3       0
                ISCHYROCERUS SPECIES                       1       0
                PONTOGENEIA INERMIS                        7      10
HYPERIDEA       PARATHEMISTO SPECIES                       8       0
MOLLUSCA        LIRULARIA SPECIES                          1       0
NATANTIA        NATANTIA ZOEA                             31      60
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#810919037     GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 133  MM,      WEIGHT = 29   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.357    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                          27      10
                CALANUS GLACIALIS                         36      30
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     10      10
                PONTOGENEIA INERMIS                       45      50
HYPERIDEA       PARATHEMISTO SPECIES                       9       0
NATANTIA        NATANTIA ZOEA                              7       0
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```
#810919038     GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 132  MM,      WEIGHT = 31   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.877    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             4       0
CALANOIDA       EPILABIDOCERA AMPHITRITES                  6       0
CAPRELLIDEA     CAPRELLA EQUILIBRIA                        1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    149      80
                ISCHYROCERUS SPECIES                      10       0
                PONTOGENEIA INERMIS                       32      20
                PONTOGENEIA INTERMEDIA                   2       0
HYPERIDEA       PARATHEMISTO SPECIES                     3       0
ISOPODA         IDOTEA RUFESCENS                         1       0
NATANTIA        NATANTIA ZOEA                            4       0


#810919039    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 132  MM,      WEIGHT = 31   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.467    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                          2       0
GAMMARIDEA      CALLIOPIELLA PRATTI                      2       0
                ISCHYROCERUS ANGUIPES                   10      20
                ISCHYROCERUS SPECIES                     4      10
                PONTOGENFIA INERMIS                     63      70
HYPERIDEA       PARATHEMISTO SPECIES                     1       0
ISOPODA         IDOTEA RUFESCENS                         1       0


#810919040    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 157  MM,      WEIGHT = 42   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.709    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                        11       5
                CALANUS GLACIALIS                        7       5
                EPILABIDOCERA AMPHITRITES               45      20
                METRIDIA PACIFICA                        1       0
CHAETOGNATHA    SAGITTA SPECIES                         54      30
EUPHAUSIACEAE   EUPHAUSIACEAE SPECIES                    1      30
HYPERIDEA       PARATHEMISTO SPECIES                    17      10


#810919041    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 133  MM,      WEIGHT = 30   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.244    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                        20      40
                CALANUS GLACIALIS                        1       0
                EPILABIDOCERA AMPHITRITES                8      10
                PSEUDOCALANUS MINUTUS                    3       5
CHAETOGNATHA    SAGITTA SPECIES                          1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    2       0
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                    PONTOGENEIA INERMIS                        23      35
HYPERIDEA           PARATHEMISTO SPECIES                       11      10


#810919042     GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 120  MM,      WEIGHT = 24   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.436    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON               PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA           AETEDIUS ARMATUS                           55      30
                    CALANOID SPECIES                           36      10
                    CALANUS GLACIALIS                          61      30
                    EPILABIDOCERA AMPHITRITES                   7       0
                    METRIDIA PACIFICA                          37       5
CHAETOGNATHA        SAGITTA SPECIES                             5       0
HYPERIDEA           PARATHEMISTO SPECIES                       53      15
NATANTIA            NATANTIA ZOEA                              21      10


#810919043     GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 142  MM,      WEIGHT = 35   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.626    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON               PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
ANOMURA             ANOMURA SPECIES                             1       0
BRACHYURA           BRACHYURA ZOEA                              1       0
CALANOIDA           CALANOID SPECIES                           14      10
                    CALANUS GLACIALIS                          18      10
                    EPILABIDOCERA AMPHITRITES                  65      60
                    METRIDIA PACIFICA                           1       0
CHAETOGNATHA        SAGITTA SPECIES                            17      10
HYPERIDEA           PARATHEMISTO SPECIES                       13      10
LARVACEA            OIKOPLEURA DIOICA                          10       0
MOLLUSCA            LIRULARIA SPECIES                           1       0
NATANTIA            NATANTIA SPECIES                            2       0
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#810919044    GEARTYPE - PURSE SEINE       KELPTYPE - NEREOCYSTIS

      LOCATION - GRAM    POSITION - AT THE SURFACE  SEAWARD OF KELP
      LENGTH - 135  MM,      WEIGHT - 33   GM,      SEX -
      WEIGHT OF STOMACH CONTENTS - 0.996     GM
      FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
      FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                             1       0
                CALANOID SPECIES                             3       0
                CALANUS GLACIALIS                           15      10
                EPILABIDOCERA AMPHITRITES                   52      20
CHAETOGNATHA    SAGITTA SPECIES                             31      20
CYCLOPTERIDAE   CYCLOPTERIDAE SPECIES                        1       0
GAMMARIDEA      CALLIOPIELLA PRATTI                          7       0
                ISCHYROCERUS ANGUIPES                        2       0
                PONTOGENEIA INERMIS                         85      50
HYPERIDEA       PARATHEMISTO SPECIES                         3       0
ISOPODA         IDOTEA RUFESCENS                             1       0
NATANTIA        NATANTIA ZOEA                               11       0


#810919045    GEARTYPE - PURSE SEINE       KELPTYPE - NEREOCYSTIS

      LOCATION - GRAM    POSITION - AT THE SURFACE  SEAWARD OF KELP
      LENGTH - 148  MM,      WEIGHT - 35   GM,      SEX -
      WEIGHT OF STOMACH CONTENTS - 0.915     GM
      FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
      FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                             4       0
                CALANOID SPECIES                             2       0
                CALANUS GLACIALIS                            1       0
                EPILABIDOCERA AMPHITRITES                    7       0
                METRIDIA PACIFICA                            1       0
                MICROCALANUS PYGMAEUS                        2       0
CHAETOGNATHA    SAGITTA SPECIES                             94      50
GAMMARIDEA      CALLIOPIELLA PRATTI                          3       0
                ISCHYROCERUS ANGUIPES                        3       0
                PONTOGENEIA INERMIS                         47      30
HYPERIDEA       PARATHEMISTO SPECIES                        10      20
NATANTIA        NATANTIA ZOEA                                2       0
NEMATODA        NEMATODA SPECIES                             1       0
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#810919046    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT = 53   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.797    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

                                                          1       0
CALANOIDA       CALANUS GLACIALIS                         2       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     1       0
                PONTOGENEIA INERMIS                     105     100
```

# Section 2.0

## Chum Salmon
## *Oncorhynchus keta* (Walbaum 1792)

## 2.1 - The Prey of Chum Salmon

# THE PREY OF CHUM SALMON

| TAXON | GENUS - SPECIES |
|---|---|
| Acari | Acari species |
| Algae | Algal species |
| Anomura | *Pagurus* species |
| Arachnida | Arachnida species |
| Arthropoda | Arthropoda species (fragments only) |
| Brachyura | Brachyura megalops |
| | Brachyura zoea |
| Calanoida | *Aetedius armatus* |
| | *Calanoid copedid* |
| | Calanoid species |
| | *Calanus glacialis* |
| | *Calanus pacificus* |
| | *Calanus plumchrus* |
| | *Epilabidocera amphitrites* |
| | *Eucalanus bungi bungi* |
| | *Euchaeta japonica* |
| | *Eurytemora hirundoides* |
| | *Metridia pacifica* |
| | *Microcalanus pygmaeus* |
| | *Monstrilla* species |
| | *Paracalanus parvis* |
| | *Pseudocalanus minutus* |
| | *Tortanus discaudatus* |
| Calicoida | Calicoida species |
| Caprellidea | *Caprella equilibria* |
| | *Caprella gracilior* |
| Chaetognatha | Chaetognatha species |
| | *Sagitta* species |
| Cirripedia | Barnacle nauplii |
| | Cypris larva |
| Cladocera | *Evadne normani* |
| | *Podon polyphemoides* |

| | |
|---|---|
| Clupeidae | *Clupea harengus pallasi* |
| | Clupeid eggs |
| Colembola | Colembola species |
| Coleoptera | Coleoptera larvae |
| Ctenophora | Ctenophore species |
| | *Pleurobranchia bachei* |
| Cumaceae | Cumaceae species |
| | *Cumella* species |
| | *Lamprops quadriplicata* |
| | *Leptocuma* species |
| Euphausiaceae | Euphausiaceae species |
| Fish | Fish larvae |
| | Fish scale |
| | Fish species |
| Gammaridea | *Aoroides columbiae* |
| | Gammarid species |
| | *Hyale* species |
| | *Ischyrocerus anguipes* |
| | *Ischyrocerus* species |
| | *Laetmatophilus* species |
| | Orchestoidea species |
| | *Paramoeri mohri* (Undescribed) |
| | *Parapleustes pugettensis* |
| | *Pontogeneia inermis* |
| | *Pontogeneia rostrata* |
| | *Pontogeneia* species |
| Harpacticoida | Harpacticoid species |
| | *Harpacticus* species |
| Hyperidea | *Parathemisto* species |
| Insecta | Chironomidae larvae |
| | Tanypodidae species |
| Isopoda | *Gnathia* species |
| Larvacea | *Oikopleura dioica* |
| Mollusca | *Lirularia* species |
| Natantia | *Crangon* species |
| | Natantia species |
| | Natantia zoea |

| | |
|---|---|
| Nematoda | Nematoda species |
| Ostracodea | Ostracoda species |
| Polychaeta | Polychaeta species |
| Unidentified | Unidentified taxon |

## 2.2 - An Index of Chum Salmon Stomach Samples by Fish Length

# INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 23 | MACROCYSTIS | 810125083 |
| 23 | MACROCYSTIS | 810125100 |
| 24 | MACROCYSTIS | 810125082 |
| 24 | MACROCYSTIS | 810125088 |
| 24 | MACROCYSTIS | 810125095 |
| 24 | MACROCYSTIS | 810125099 |
| 25 | MACROCYSTIS | 810125085 |
| 25 | MACROCYSTIS | 810125089 |
| 25 | MACROCYSTIS | 810125091 |
| 25 | MACROCYSTIS | 810125094 |
| 25 | MACROCYSTIS | 810125096 |
| 25 | MACROCYSTIS | 810125097 |
| 25 | MACROCYSTIS | 810125098 |
| 26 | MACROCYSTIS | 810125079 |
| 26 | MACROCYSTIS | 810125084 |
| 26 | MACROCYSTIS | 810125086 |
| 26 | MACROCYSTIS | 810125090 |
| 26 | MACROCYSTIS | 810125092 |
| 26 | MACROCYSTIS | 810125093 |
| 26 | MACROCYSTIS | 810318005 |
| 26 | MACROCYSTIS | 810318006 |
| 26 | NON KELP | 810423011 |
| 26 | NON KELP | 810423015 |
| 26 | MACROCYSTIS | 810423056 |
| 27 | MACROCYSTIS | 800513044 |
| 27 |  | 800513049 |
| 27 | MACROCYSTIS | 810125080 |
| 27 | MACROCYSTIS | 810125081 |
| 27 | MACROCYSTIS | 810125087 |
| 27 | MACROCYSTIS | 810318001 |
| 27 | MACROCYSTIS | 810318003 |
| 27 | MACROCYSTIS | 810318004 |
| 27 | MACROCYSTIS | 810318007 |
| 27 | MACROCYSTIS | 810423049 |
| 27 | MACROCYSTIS | 810423051 |
| 27 | MACROCYSTIS | 810423052 |
| 27 | MACROCYSTIS | 810423053 |
| 27 | MACROCYSTIS | 810423055 |
| 27 | MACROCYSTIS | 810424001 |
| 27 | MACROCYSTIS | 810424002 |
| 27 | NON KELP | 810424017 |
| 27 |  | 810511034 |
| 28 |  | 800513048 |
| 28 | MACROCYSTIS | 810318002 |
| 28 | MACROCYSTIS | 810318008 |
| 28 | MACROCYSTIS | 810318011 |
| 28 | MACROCYSTIS | 810318013 |
| 28 | MACROCYSTIS | 810318014 |
| 28 | MACROCYSTIS | 810318015 |
| 28 | MACROCYSTIS | 810318017 |
| 28 | MACROCYSTIS | 810318018 |
| 28 | MACROCYSTIS | 810318019 |
| 28 | MACROCYSTIS | 810318020 |
| 28 | NON KELP | 810423004 |

# INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 28 | NON KELP | 810423018 |
| 28 | MACROCYSTIS | 810423043 |
| 28 | MACROCYSTIS | 810423046 |
| 28 | MACROCYSTIS | 810423047 |
| 28 | MACROCYSTIS | 810423058 |
| 28 | MACROCYSTIS | 810423059 |
| 28 | NON KELP | 810424016 |
| 28 | NON KELP | 810424018 |
| 29 | MACROCYSTIS | 810318012 |
| 29 | MACROCYSTIS | 810318016 |
| 29 | NON KELP | 810423007 |
| 29 | MACROCYSTIS | 810423045 |
| 29 | MACROCYSTIS | 810423050 |
| 29 | MACROCYSTIS | 810423057 |
| 29 |  | 810425072 |
| 30 |  | 800420028 |
| 30 |  | 800513046 |
| 30 | MACROCYSTIS | 810318009 |
| 30 | NON KELP | 810423001 |
| 30 | NON KELP | 810423003 |
| 30 | NON KELP | 810423006 |
| 30 | NON KELP | 810423013 |
| 30 | NON KELP | 810424047 |
| 30 | NON KELP | 810424053 |
| 30 | NEREOCYSTIS | 810425009 |
| 30 | NEREOCYSTIS | 810425020 |
| 30 | NEREOCYSTIS | 810425022 |
| 30 |  | 810425069 |
| 30 |  | 810425075 |
| 30 |  | 810425077 |
| 30 |  | 810425078 |
| 31 |  | 800421028 |
| 31 |  | 800421029 |
| 31 |  | 800421031 |
| 31 | MACROCYSTIS | 800513043 |
| 31 |  | 800513050 |
| 31 | MACROCYSTIS | 810318010 |
| 31 | NON KELP | 810423005 |
| 31 | NON KELP | 810423008 |
| 31 | NON KELP | 810423009 |
| 31 | NON KELP | 810423017 |
| 31 | NON KELP | 810423020 |
| 31 | MACROCYSTIS | 810423044 |
| 31 | MACROCYSTIS | 810423048 |
| 31 | MACROCYSTIS | 810423060 |
| 31 | NON KELP | 810424051 |
| 31 | NEREOCYSTIS | 810425010 |
| 31 | NEREOCYSTIS | 810425011 |
| 31 | NEREOCYSTIS | 810425015 |
| 31 | NEREOCYSTIS | 810425019 |
| 31 | NEREOCYSTIS | 810425024 |
| 31 |  | 810425068 |
| 31 |  | 810425079 |
| 31 |  | 810425085 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 31 | | 810425087 |
| 31 | | 810511031 |
| 31 | | 810511033 |
| 31 | | 810511039 |
| 32 | | 800420031 |
| 32 | | 800421026 |
| 32 | | 800421044 |
| 32 | MACROCYSTIS | 800513040 |
| 32 | MACROCYSTIS | 800513042 |
| 32 | | 800513047 |
| 32 | | 800513051 |
| 32 | NON KELP | 810423012 |
| 32 | NON KELP | 810423016 |
| 32 | NON KELP | 810423019 |
| 32 | MACROCYSTIS | 810424003 |
| 32 | NON KELP | 810424049 |
| 32 | NON KELP | 810424054 |
| 32 | NON KELP | 810424058 |
| 32 | NEREOCYSTIS | 810425007 |
| 32 | NEREOCYSTIS | 810425013 |
| 32 | NEREOCYSTIS | 810425016 |
| 32 | NEREOCYSTIS | 810425017 |
| 32 | NEREOCYSTIS | 810425018 |
| 32 | | 810425070 |
| 32 | | 810425074 |
| 32 | | 810425076 |
| 32 | | 810425082 |
| 32 | | 810425083 |
| 32 | | 810425084 |
| 32 | | 810425086 |
| 32 | | 810511023 |
| 32 | | 810511025 |
| 32 | | 810511028 |
| 32 | | 810511029 |
| 32 | | 810511032 |
| 32 | | 810511040 |
| 32 | NON KELP | 810522009 |
| 32 | NEREOCYSTIS | 810524005 |
| 32 | NEREOCYSTIS | 810524006 |
| 33 | | 800420030 |
| 33 | | 800421027 |
| 33 | | 800421030 |
| 33 | | 800421032 |
| 33 | | 800421034 |
| 33 | | 800421035 |
| 33 | | 800421036 |
| 33 | | 800421041 |
| 33 | | 800421042 |
| 33 | NON KELP | 810423002 |
| 33 | NON KELP | 810424041 |
| 33 | NON KELP | 810424056 |
| 33 | NON KELP | 810424057 |
| 33 | NEREOCYSTIS | 810425008 |
| 33 | NEREOCYSTIS | 810425012 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 33 | NEREOCYSTIS | 810425014 |
| 33 | NEREOCYSTIS | 810425021 |
| 33 | NEREOCYSTIS | 810425023 |
| 33 | | 810425071 |
| 33 | | 810425073 |
| 33 | | 810511024 |
| 33 | | 810511026 |
| 33 | | 810511030 |
| 33 | | 810511036 |
| 33 | | 810511037 |
| 33 | | 810511038 |
| 34 | | 800421033 |
| 34 | | 800421039 |
| 34 | | 800421043 |
| 34 | | 800421045 |
| 34 | | 800421046 |
| 34 | MACROCYSTIS | 810423054 |
| 34 | NON KELP | 810424042 |
| 34 | NON KELP | 810424043 |
| 34 | NON KELP | 810424044 |
| 34 | NON KELP | 810424046 |
| 34 | NON KELP | 810424048 |
| 34 | NON KELP | 810424052 |
| 34 | NEREOCYSTIS | 810425006 |
| 34 | | 810425080 |
| 34 | | 810425081 |
| 34 | NON KELP | 810507016 |
| 34 | NON KELP | 810507189 |
| 34 | NON KELP | 810507190 |
| 35 | | 800420029 |
| 35 | NON KELP | 810424045 |
| 35 | NON KELP | 810507006 |
| 35 | NON KELP | 810507009 |
| 35 | NON KELP | 810507010 |
| 35 | NON KELP | 810507018 |
| 35 | NON KELP | 810507180 |
| 35 | NON KELP | 810507185 |
| 35 | | 810511021 |
| 35 | | 810511022 |
| 35 | | 810511027 |
| 35 | | 810511035 |
| 35 | NON KELP | 810522008 |
| 35 | NEREOCYSTIS | 810524073 |
| 36 | | 800420026 |
| 36 | | 800420027 |
| 36 | NON KELP | 810423010 |
| 36 | NON KELP | 810507003 |
| 36 | NON KELP | 810507183 |
| 36 | NON KELP | 810507188 |
| 37 | NON KELP | 810424055 |
| 37 | NON KELP | 810507002 |
| 37 | NON KELP | 810507012 |
| 37 | NON KELP | 810507013 |
| 37 | NON KELP | 810507175 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 37 | NON KELP | 810507178 |
| 37 | NON KELP | 810507186 |
| 37 | NON KELP | 810507187 |
| 38 | MACROCYSTIS | 800513041 |
| 38 | NON KELP | 810507004 |
| 38 | NON KELP | 810507005 |
| 38 | NON KELP | 810507008 |
| 38 | NON KELP | 810507015 |
| 38 | NON KELP | 810507020 |
| 39 | NON KELP | 810507019 |
| 39 | NEREOCYSTIS | 810524066 |
| 39 | NEREOCYSTIS | 810524075 |
| 40 | NON KELP | 810424040 |
| 40 | NON KELP | 810507007 |
| 40 | NON KELP | 810507011 |
| 40 | NON KELP | 810507174 |
| 40 | NON KELP | 810507176 |
| 40 | NON KELP | 810507179 |
| 40 | NON KELP | 810522010 |
| 40 | NEREOCYSTIS | 810524023 |
| 40 | NEREOCYSTIS | 810524028 |
| 40 | NEREOCYSTIS | 810524065 |
| 41 | NON KELP | 810507177 |
| 42 | NEREOCYSTIS | 810524068 |
| 42 | NEREOCYSTIS | 810524069 |
| 43 | MACROCYSTIS | 800513038 |
| 43 | MACROCYSTIS | 800513039 |
| 43 | NEREOCYSTIS | 810524070 |
| 44 | NON KELP | 810507171 |
| 44 | NEREOCYSTIS | 810524059 |
| 45 | NON KELP | 810507014 |
| 45 | NON KELP | 810507017 |
| 45 | NON KELP | 810507181 |
| 45 | NEREOCYSTIS | 810524063 |
| 45 | NEREOCYSTIS | 810524077 |
| 46 | NEREOCYSTIS | 810524062 |
| 46 | NEREOCYSTIS | 810524076 |
| 46 | NEREOCYSTIS | 810623011 |
| 47 | NON KELP | 810507001 |
| 47 | NON KELP | 810507182 |
| 47 | NEREOCYSTIS | 810524071 |
| 48 | NON KELP | 810507173 |
| 48 | NON KELP | 810522006 |
| 49 | NEREOCYSTIS | 810524072 |
| 50 | NON KELP | 810507172 |
| 50 | NEREOCYSTIS | 810524067 |
| 50 | NEREOCYSTIS | 810623009 |
| 51 | NEREOCYSTIS | 810524064 |
| 51 | NEREOCYSTIS | 810524074 |
| 51 | NEREOCYSTIS | 810623010 |
| 52 | NON KELP | 810522007 |
| 53 | NEREOCYSTIS | 810524029 |
| 55 | MACROCYSTIS | 810522002 |
| 61 | NEREOCYSTIS | 810623007 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 61 | NEREOCYSTIS | 810623008 |
| 64 | NEREOCYSTIS | 810623006 |
| 65 | NON KELP | 810424039 |
| 68 | NEREOCYSTIS | 810623005 |
| 70 | NON KELP | 810712051 |
| 84 | | 800726089 |
| 85 | | 800727068 |
| 86 | | 800726078 |
| 87 | | 800726093 |
| 87 | | 800726095 |
| 88 | | 800726079 |
| 88 | | 800726083 |
| 88 | | 800726088 |
| 88 | | 800726094 |
| 88 | | 800727071 |
| 88 | | 800727073 |
| 89 | | 800726099 |
| 89 | | 800727072 |
| 89 | | 800727075 |
| 90 | | 800726077 |
| 90 | | 800726081 |
| 90 | | 800726084 |
| 90 | | 800726085 |
| 90 | | 800727091 |
| 90 | | 800727093 |
| 91 | | 800726091 |
| 91 | | 800726097 |
| 91 | | 800727063 |
| 91 | NON KELP | 810720008 |
| 93 | | 800727092 |
| 94 | | 800726082 |
| 94 | | 800726086 |
| 94 | | 800727069 |
| 94 | NON KELP | 810720011 |
| 95 | | 800726080 |
| 95 | | 800726087 |
| 95 | | 800727061 |
| 95 | | 800727064 |
| 95 | | 800727067 |
| 96 | | 800726076 |
| 97 | | 800726096 |
| 98 | | 800726092 |
| 98 | | 800727074 |
| 98 | | 800727087 |
| 99 | | 800727062 |
| 99 | | 800727065 |
| 99 | | 800727070 |
| 100 | | 800726098 |
| 100 | | 800726100 |
| 102 | | 800726090 |
| 102 | | 800727088 |
| 103 | | 810802040 |
| 104 | NON KELP | 810720010 |
| 105 | | 800727066 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 107 | NON KELP | 810720009 |
| 109 | | 810802032 |
| 110 | | 810802024 |
| 111 | | 810802031 |
| 112 | NON KELP | 810725009 |
| 112 | | 810802035 |
| 112 | | 810802041 |
| 115 | | 810802023 |
| 116 | | 810802026 |
| 117 | | 810802030 |
| 118 | | 810802034 |
| 120 | | 810802038 |
| 125 | | 810802025 |
| 125 | | 810802036 |
| 125 | | 810802039 |
| 128 | MACROCYSTIS | 810423042 |
| 128 | | 810802028 |
| 128 | NEREOCYSTIS | 810803041 |
| 128 | NEREOCYSTIS | 810919003 |
| 129 | | 810802022 |
| 129 | | 810802033 |
| 130 | | 810802027 |
| 130 | | 810802037 |
| 130 | NON KELP | 810806058 |
| 135 | | 810802029 |
| 136 | NEREOCYSTIS | 810803042 |
| 140 | NEREOCYSTIS | 810919001 |
| 140 | NEREOCYSTIS | 810919004 |
| 140 | NEREOCYSTIS | 810919005 |
| 140 | | 810919058 |
| 140 | | 810919066 |
| 142 | NEREOCYSTIS | 810919002 |
| 142 | | 810919053 |
| 143 | MACROCYSTIS | 810921005 |
| 145 | NEREOCYSTIS | 810919011 |
| 145 | NEREOCYSTIS | 810919018 |
| 145 | | 810919051 |
| 145 | | 810919060 |
| 145 | MACROCYSTIS | 810921003 |
| 147 | MACROCYSTIS | 810921002 |
| 148 | NEREOCYSTIS | 810803016 |
| 148 | | 810919048 |
| 150 | NEREOCYSTIS | 810919012 |
| 150 | NEREOCYSTIS | 810919015 |
| 150 | NEREOCYSTIS | 810919019 |
| 150 | | 810919047 |
| 150 | | 810919055 |
| 150 | | 810919057 |
| 151 | NEREOCYSTIS | 810803015 |
| 152 | NEREOCYSTIS | 810919010 |
| 152 | NEREOCYSTIS | 810919014 |
| 152 | | 810919050 |
| 152 | | 810919056 |
| 152 | MACROCYSTIS | 810921001 |

## INDEX OF CHUM SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 155 | NEREOCYSTIS | 810919006 |
| 155 | NEREOCYSTIS | 810919007 |
| 155 | NEREOCYSTIS | 810919020 |
| 155 | | 810919054 |
| 155 | | 810919059 |
| 155 | | 810919065 |
| 156 | NEREOCYSTIS | 810803013 |
| 158 | NEREOCYSTIS | 810803017 |
| 158 | MACROCYSTIS | 810921004 |
| 160 | NEREOCYSTIS | 810803039 |
| 160 | NEREOCYSTIS | 810919009 |
| 160 | NEREOCYSTIS | 810919013 |
| 160 | NEREOCYSTIS | 810919017 |
| 160 | | 810919049 |
| 160 | | 810919052 |
| 160 | | 810919061 |
| 160 | | 810919063 |
| 163 | NEREOCYSTIS | 810919016 |
| 165 | NEREOCYSTIS | 810919008 |
| 165 | | 810919062 |
| 170 | | 810919064 |
| 172 | NEREOCYSTIS | 810803014 |
| 250 | NON KELP | 810806040 |
| 385 | NON KELP | 810718002 |
| 437 | NON KELP | 810601002 |
| 440 | NON KELP | 810816001 |
| 445 | NON KELP | 810601001 |
| 525 | MACROCYSTIS | 810728004 |

## 2.3 - Chum Salmon Stomach Content Data

```
#800420026     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 36   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             8       0
                                                             1       0
BRACHYURA          BRACHYURA ZOEA                            1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     46      50
POLYCHAETA         POLYCHAETA SPECIES                       30      50


#800420027     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 36   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = F
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             2       0
                                                             8      25
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                  1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     73      75


#800420028     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,      WEIGHT = 2    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             4      25
HARPACTICOIDA      HARPACTICOID SPECIES                     74      75
```

```
#800420029    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1       0
                                                          22      25
BRACHYURA       BRACHYURA ZOEA                             3       0
GAMMARIDEA      PARAPLEUSTES PUGETTENSIS                   1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      77      75


#800420030    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                           4       0
BRACHYURA       BRACHYURA ZOEA                            18       0
HARPACTICOIDA   HARPACTICOID SPECIES                     185     100


#800420031    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                           7       0
                                                          16      25
ACARI           ACARI SPECIES                              3       0
HARPACTICOIDA   HARPACTICOID SPECIES                      41      75
```

```
#800421026    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 32   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                            5      50
                 CALANUS PACIFICUS                            2      25
                 PARACALANUS PARVIS                           3       0
HARPACTICOIDA    HARPACTICOID SPECIES                         7       0
NATANTIA         NATANTIA SPECIES                             2      25


#800421027    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                              1       0
                                                              1       0
HARPACTICOIDA    HARPACTICOID SPECIES                       156     100


#800421028    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                            2       0
                 PARACALANUS PARVIS                           5       0
HARPACTICOIDA    HARPACTICOID SPECIES                       275     100
```

```
#800421029    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 31    MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1       0
CALANOIDA        CALANUS GLACIALIS                         2       0
                 PARACALANUS PARVIS                       22      25
HARPACTICOIDA    HARPACTICOID SPECIES                    126      75


#800421030    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 33    MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                         2      50
                 CALANUS PACIFICUS                         4      50


#800421031    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 31    MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1       0
CALANOIDA        CALANUS GLACIALIS                         4      25
                 CALANUS PACIFICUS                         2       0
                 PARACALANUS PARVIS                        2       0
HARPACTICOIDA    HARPACTICOID SPECIES                    136      75
```

```
#800421032    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                       3      50
                 CALANUS PACIFICUS                       3      25
                 PARACALANUS PARVIS                      3       0
GAMMARIDEA       GAMMARID SPECIES                        1       0
HARPACTICOIDA    HARPACTICOID SPECIES                    1       0
LARVACEA         OIKOPLEURA DIOICA                       5      25


#800421033    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                         1       0
CALANOIDA        CALANUS GLACIALIS                       8      50
                 CALANUS PACIFICUS                       2       0
                 PARACALANUS PARVIS                      5      25
HARPACTICOIDA    HARPACTICOID SPECIES                   18      25


#800421034    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        PARACALANUS PARVIS                      1       0
HARPACTICOIDA    HARPACTICOID SPECIES                  512     100
```

```
#800421035    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                         8       0
GAMMARIDEA         GAMMARID SPECIES                           1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     168     100


#800421036    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                         2       0
HARPACTICOIDA      HARPACTICOID SPECIES                     198     100


#800421039    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS GLACIALIS                         13     100


#800421041    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 33   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS GLACIALIS                          1       0
                   PARACALANUS PARVIS                         6       0
HARPACTICOIDA      HARPACTICOID SPECIES                     217     100
```

```
#800421042    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 33   MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                        2      25
                 PARACALANUS PARVIS                       8      25
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS                 7      25
HARPACTICOIDA    HARPACTICOID SPECIES                    21      25


#800421043    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                        2      25
                 CALANUS PACIFICUS                        2      50
CHAETOGNATHA     CHAETOGNATHA SPECIES                     2      25


#800421044    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = FRAN    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT = 3    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                        1       0
                 CALANUS PACIFICUS                        1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   211      75
NATANTIA         NATANTIA SPECIES                         1      25
```

```
#800421045    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            3      25
HARPACTICOIDA   HARPACTICOID SPECIES                       404      75


#800421046    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = FRAN    POSITION = AT THE SURFACE
     LENGTH = 34   MM,      WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.011    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
CALANOIDA       CALANUS GLACIALIS                           10      50
HARPACTICOIDA   HARPACTICOID SPECIES                       166      50


#800513038    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 43   MM,      WEIGHT = 8    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.034    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                            29      25
BRACHYURA       BRACHYURA ZOEA                               1       0
GAMMARIDEA      PARAPLEUSTES PUGETTENSIS                     2       0
HARPACTICOIDA   HARPACTICOID SPECIES                       296      75
HYPERIDEA       PARATHEMISTO SPECIES                         2       0
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#800513039    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 43   MM,      WEIGHT = 8     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.031    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------

                                                             1       0
FISH               FISH LARVAE                               1       0
GAMMARIDEA         GAMMARID SPECIES                          1       0
                   PARAPLEUSTES PUGETTENSIS                  1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    233     100
LARVACEA           OIKOPLEURA DIOICA                         8       0


#800513040    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 5     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------

                                                             1       0
BRACHYURA          BRACHYURA ZOEA                            1       0
CALANOIDA          PARACALANUS PARVIS                        1       0
GAMMARIDEA         GAMMARID SPECIES                          1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    140     100
LARVACEA           OIKOPLEURA DIOICA                        10       0


#800513041    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT = 8     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------

                                                             9      25
BRACHYURA          BRACHYURA ZOEA                            1       0
CALANOIDA          CALANUS GLACIALIS                         1       0
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                  1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     19      25
LARVACEA           OIKOPLEURA DIOICA                        22      50
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#800513042    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 6    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.024    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
                                                              8       0
BRACHYURA          BRACHYURA ZOEA                             1       0
CIRRIPEDIA         CYPRIS LARVA                               1       0
COLEMBOLA          COLEMBOLA SPECIES                          1       0
CUMACEAE           LEPTOCUMA SPECIES                          1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     166     100
LARVACEA           OIKOPLEURA DIOICA                         13       0


#800513043    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 31   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
                                                              1       0
                                                             48      50
HARPACTICOIDA      HARPACTICOID SPECIES                      86      50


#800513044    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT = 4    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
                                                             75     100
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#800513046     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
                                                               0
BRACHYURA        BRACHYURA MEGALOPS                            0
CIRRIPEDIA       CYPRIS LARVA                           1      0
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS               4      0
HARPACTICOIDA    HARPACTICOID SPECIES                  40    100


#800513047     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

                                                        1      0
                                                       17    100


#800513048     GEARTYPE = BEACH SEINE        KELPTYPE =

     LOCATION = CATL    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

                                                        2      0
                                                       23     50
COLEOPTERA       COLEOPTERA LARVAE                      1      0
HARPACTICOIDA    HARPACTICOID SPECIES                  13     25
```

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#800513049    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           6      25
CALANOIDA        CALANOID SPECIES                          6      25
HARPACTICOIDA    HARPACTICOID SPECIES                     36      50


#800513050    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 31   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA    HARPACTICOID SPECIES                     13     100


#800513051    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = CATL     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1       0
HARPACTICOIDA    HARPACTICOID SPECIES                     52     100


#800726076    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 96   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.2      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
LARVACEA         OIKOPLEURA DIOICA                      2320     100
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#800726077    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 90   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.19      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            2       0
                EUCHAETA JAPONICA                            1      10
LARVACEA        OIKOPLEURA DIOICA                          600      90
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```
#800726078    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 86   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.1       GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            1       0
FISH            FISH LARVAE                                  1      10
                FISH SCALE                                  25       0
LARVACEA        OIKOPLEURA DIOICA                          370      90
```

```
#800726079    GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 88   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.184     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
LARVACEA        OIKOPLEURA DIOICA                          360      80
UNIDENTIFIED    UNIDENTIFIED TAXON                                  20
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```
#800726080     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 95   MM,       WEIGHT =       GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.136    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                          1       0
LARVACEA           OIKOPLEURA DIOICA                        630     100


#800726081     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 90   MM,       WEIGHT =       GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.129    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                          1       0
LARVACEA           OIKOPLEURA DIOICA                        420     100


#800726082     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 94   MM,       WEIGHT =       GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.111    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                          1       0
FISH               FISH SCALE                                20       0
LARVACEA           OIKOPLEURA DIOICA                        360     100


#800726083     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 88   MM,       WEIGHT =       GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.057    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                          3       5
GAMMARIDEA         GAMMARID SPECIES                           1       0
LARVACEA           OIKOPLEURA DIOICA                        220      95
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```
#800726084    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 90   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.137    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SCALE                                   5       0
LARVACEA        OIKOPLEURA DIOICA                          350     100


#800726085    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 90   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.151    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH LARVAE                                          5
LARVACEA        OIKOPLEURA DIOICA                          510      95


#800726086    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 94   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.297    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            2       0
LARVACEA        OIKOPLEURA DIOICA                          810      90
UNIDENTIFIED    UNIDENTIFIED TAXON                                  10


#800726087    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 95   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.202    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SCALE                                   2       0
LARVACEA        OIKOPLEURA DIOICA                          740      95
UNIDENTIFIED    UNIDENTIFIED TAXON                                   5
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```
#800726088    GEARTYPE = PURSE SEINE       KELPTYPE =

      LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
      LENGTH = 88   MM,      WEIGHT =       GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.073     GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          1       0
CALANOIDA        CALANUS PACIFICUS                        3      10
FISH             FISH LARVAE                            220      80
LARVACEA         OIKOPLEURA DIOICA                               10
UNIDENTIFIED     UNIDENTIFIED TAXON


#800726089    GEARTYPE = PURSE SEINE       KELPTYPE =

      LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
      LENGTH = 84   MM,      WEIGHT =       GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.117     GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON            PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          1       0
CALANOIDA        CALANUS PACIFICUS                        2       5
                 PSEUDOCALANUS MINUTUS                    2       0
FISH             FISH LARVAE                                      5
LARVACEA         OIKOPLEURA DIOICA                      120      55
UNIDENTIFIED     UNIDENTIFIED TAXON                              30


#800726090    GEARTYPE = PURSE SEINE       KELPTYPE =

      LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
      LENGTH = 102  MM,      WEIGHT =       GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 0.365     GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
ANOMURA          PAGURUS SPECIES                         44      20
CALANOIDA        CALANUS PACIFICUS                      104      45
LARVACEA         OIKOPLEURA DIOICA                      630      35
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```
#800726091     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 91   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.114    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                1       0
FISH            FISH SCALE                                   8       0
LARVACEA        OIKOPLEURA DIOICA                          610     100


#800726092     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.257    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
LARVACEA        OIKOPLEURA DIOICA                          530      50
UNIDENTIFIED    UNIDENTIFIED TAXON                                  50


#800726093     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 87   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.186    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH LARVAE                                  1       0
LARVACEA        OIKOPLEURA DIOICA                          820     100


#800726094     GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 88   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.142    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            1       0
FISH            FISH LARVAE                                  4       5
LARVACEA        OIKOPLEURA DIOICA                          590      75
UNIDENTIFIED    UNIDENTIFIED TAXON                                  20
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```
#800726095    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 87   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.21     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                        126      75
                 EPILABIDOCERA AMPHITRITES                  8       5
FISH             FISH LARVAE                                1       0
LARVACEA         OIKOPLEURA DIOICA                        460      20


#800726096    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 97   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.129    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANUS PLUMCHRUS                          1       0
FISH             FISH LARVAE                                1       0
LARVACEA         OIKOPLEURA DIOICA                        420     100


#800726097    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 91   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.082    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE            ALGAL SPECIES                              2       0
CALANOIDA        CALANUS PLUMCHRUS                          2       5
HARPACTICOIDA    HARPACTICOID SPECIES                       1       0
LARVACEA         OIKOPLEURA DIOICA                         50       5
UNIDENTIFIED     UNIDENTIFIED TAXON                                90
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#800726098    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.23     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS PLUMCHRUS                        1       0
FISH            FISH LARVAE                                      0
                FISH SCALE                              31       5
LARVACEA        OIKOPLEURA DIOICA                      390      60
UNIDENTIFIED    UNIDENTIFIED TAXON                              35


#800726099    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 89   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.11     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH LARVAE                                      0
                FISH SCALE                              27       0
LARVACEA        OIKOPLEURA DIOICA                      540      95
UNIDENTIFIED    UNIDENTIFIED TAXON                               5


#800726100    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 100  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.124    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH LARVAE                              9      90
LARVACEA        OIKOPLEURA DIOICA                      250      10
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#800727061    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 95   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.209    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                            3       0
                  CALANUS GLACIALIS                           4       0
                  CALANUS PACIFICUS                           4       0
LARVACEA          OIKOPLEURA DIOICA                         247     100
NATANTIA          NATANTIA ZOEA                               1       0


#800727062    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 99   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.237    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                           4       0
                  CALANUS PACIFICUS                           1       0
LARVACEA          OIKOPLEURA DIOICA                         399     100


#800727063    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 91   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.096    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                            1       0
                  PSEUDOCALANUS MINUTUS                       1       0
FISH              FISH LARVAE                                 1       0
LARVACEA          OIKOPLEURA DIOICA                         211     100
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#800727064    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 95   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.351    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            21       0
                CALANUS GLACIALIS                           33       0
                CALANUS PLUMCHRUS                          190      75
                EPILABIDOCERA AMPHITRITES                    2       0
                PARACALANUS PARVIS                           1       0
FISH            FISH LARVAE                                  4       0
LARVACEA        OIKOPLEURA DIOICA                          316      25


#800727065    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.159    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            2       0
LARVACEA        OIKOPLEURA DIOICA                          347     100


#800727066    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 105  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.655    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          602     100
                CALANUS PACIFICUS                           11       0
                PSEUDOCALANUS MINUTUS                        1       0
HYPERIDEA       PARATHEMISTO SPECIES                         2       0
LARVACEA        OIKOPLEURA DIOICA                           48       0
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```
#800727067    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 95   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.12     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           7       0
LARVACEA        OIKOPLEURA DIOICA                         284     100
NATANTIA        NATANTIA SPECIES                            1       0


#800727068    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 85   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.106    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
LARVACEA        OIKOPLEURA DIOICA                         476     100


#800727069    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 94   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.131    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           4       0
LARVACEA        OIKOPLEURA DIOICA                         339     100


#800727070    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.221    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           9       0
CHAETOGNATHA    CHAETOGNATHA SPECIES                        1       0
CLADOCERA       EVADNE NORMANI                              1       0
GAMMARIDEA      GAMMARID SPECIES                            2       0
LARVACEA        OIKOPLEURA DIOICA                         286     100
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#800727071    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC     POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 88   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.08      GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            2       0
LARVACEA        OIKOPLEURA DIOICA                          222     100


#800727072    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC     POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 89   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.08      GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             1       0
CLADOCERA       PODON POLYPHEMOIDES                          1       0
LARVACEA        OIKOPLEURA DIOICA                          220     100


#800727073    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC     POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 88   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.068     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
LARVACEA        OIKOPLEURA DIOICA                          333     100


#800727074    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC     POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 98   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.117     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            1       0
CLADOCERA       PODON POLYPHEMOIDES                          1       0
LARVACEA        OIKOPLEURA DIOICA                          261     100
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#800727075     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 89   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.123      GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                            23      25
                 PSEUDOCALANUS MINUTUS                         1       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                         1       0
                 PONTOGENEIA ROSTRATA                          1       0
HARPACTICOIDA    HARPACTICUS SPECIES                           2       0
LARVACEA         OIKOPLEURA DIOICA                           830      75


#800727087     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 98   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.31       GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                           202      75
                 EPILABIDOCERA AMPHITRITES                     1       0
CHAETOGNATHA     CHAETOGNATHA SPECIES                          1       0
LARVACEA         OIKOPLEURA DIOICA                           634      25


#800727088     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 102  MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.395      GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                             21       0
                 CALANUS GLACIALIS                            91      50
                 CALANUS PACIFICUS                            12       0
                 EPILABIDOCERA AMPHITRITES                    38      25
HYPERIDEA        PARATHEMISTO SPECIES                          1       0
LARVACEA         OIKOPLEURA DIOICA                           317      25
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#800727091    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 90   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.154    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          31      25
LARVACEA        OIKOPLEURA DIOICA                         387      75


#800727092    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 93   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.168    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          36     100
CHAETOGNATHA    CHAETOGNATHA SPECIES                        1       0
LARVACEA        OIKOPLEURA DIOICA                           6       0


#800727093    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 90   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.117    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          15      25
HARPACTICOIDA   HARPACTICUS SPECIES                         3       0
LARVACEA        OIKOPLEURA DIOICA                         148      75
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#810125079    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 26   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                        4     100


#810125080    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                            7     100


#810125081    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001      GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            2     100


#810125082    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 24   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001      GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                            7      60
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       2      40
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#810125083    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 23   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                          5    100


#810125084    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 26   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTICN = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                         1    100
                PSEUDOCALANUS MINUTUS                     1      0
HARPACTICOIDA   HARPACTICOID SPECIES                      2      0


#810125085    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 25   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------


#810125086    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 26   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          5     90
HARPACTICOIDA   HARPACTICOID SPECIES                      2     10
```

```
#810125087    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------


#810125088    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 24   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------


#810125089    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 25   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------


#810125090    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 26   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                      12     100
```

```
#810125091    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 25   MM,      WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0.1 %,   DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               1      70
HARPACTICOIDA   HARPACTICOID SPECIES                           1      30


#810125092    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 26   MM,      WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002      GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               4      10
                CALANUS PACIFICUS                              3      70
HARPACTICOIDA   HARPACTICOID SPECIES                           5      20


#810125093    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 26   MM,      WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                          1     100


#810125094    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 25   MM,      WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
```

```
#810125095     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 24   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------


#810125096     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 25   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                         11      80
HARPACTICOIDA    HARPACTICOID SPECIES                      2      20


#810125097     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 25   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                          3     100


#810125098     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 25   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS =            GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
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```
#810125099    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 24   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------



#810125100    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 23   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------



#810318001    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              11      50
FISH            FISH LARVAE                                  1      20
HARPACTICOIDA   HARPACTICOID SPECIES                        17      30
                HARPACTICUS SPECIES                          1       0


#810318002    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                               8      10
CALANOIDA       CALANOID COPEDID                             1       0
                CALANUS PACIFICUS                            2       0
                METRIDIA PACIFICA                            2       0
FISH            FISH LARVAE                                  8      90
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#810318003     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                             11      20
CALANOIDA         CALANUS PACIFICUS                           3      30
FISH              FISH LARVAE                                 3      30
NATANTIA          NATANTIA ZOEA                               1      20


#810318004     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                             33      30
CALANOIDA         CALANOID COPEDID                           43      20
                  METRIDIA PACIFICA                           4      10
FISH              FISH LARVAE                                 3      40


#810318005     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 26   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                              3      30
CALANOIDA         CALANOID SPECIES                            1      10
                  METRIDIA PACIFICA                           1      20
CHAETOGNATHA      SAGITTA SPECIES                             1      30
NATANTIA          NATANTIA ZOEA                               1      10
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#810318006    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 26   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             36      70
HARPACTICOIDA   HARPACTICOID SPECIES                        7      20
                HARPACTICUS SPECIES                         3      10


#810318007    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 27   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.005    GM
    FULLNESS OF CARDIAC CHAMBER - 70  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 70  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             68      70
CALANOIDA       METRIDIA PACIFICA                           7      20
HARPACTICOIDA   HARPACTICOID SPECIES                        7       5
                HARPACTICUS SPECIES                         4       5


#810318008    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 28   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.013    GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 90  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             80      60
CALANOIDA       METRIDIA PACIFICA                          22      40
HARPACTICOIDA   HARPACTICOID SPECIES                        6       0
                HARPACTICUS SPECIES                         6       0
```

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#810318009    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.027    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                               9       5
CALANOIDA      CALANOID COPEDID                            94      20
               CALANUS PACIFICUS                            3       5
               METRIDIA PACIFICA                           11       5
FISH           FISH LARVAE                                  4      50
HARPACTICOIDA  HARPACTICOID SPECIES                         8       7
               HARPACTICUS SPECIES                          8       8


#810318010    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.022    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                              36      30
CALANOIDA      CALANOID COPEDID                            23      10
               CALANUS PACIFICUS                            9      30
FISH           FISH LARVAE                                  3      30


#810318011    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                              39      30
CALANOIDA      METRIDIA PACIFICA                            7      20
FISH           FISH LARVAE                                  9      40
HARPACTICOIDA  HARPACTICOID SPECIES                        23      10
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#810318012    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            38      40
FISH             FISH LARVAE                                2      50
HARPACTICOIDA    HARPACTICOID SPECIES                       8      10


#810318013    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            16      30
CALANOIDA        CALANUS PACIFICUS                          5      30
FISH             FISH LARVAE                                1      20
GAMMARIDEA       ISCHYROCERUS ANGUIPES                      1      10
HARPACTICOIDA    HARPACTICOID SPECIES                      11      10


#810318014    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            28      40
CALANOIDA        CALANUS PACIFICUS                          7      60
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```
#810318015    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              33      40
CALANOIDA       CALANOID COPEDID                            12       5
                CALANOID SPECIES                             1       0
                METRIDIA PACIFICA                            1       5
CHAETOGNATHA    SAGITTA SPECIES                              1      50
HARPACTICOIDA   HARPACTICOID SPECIES                         3       0


#810318016    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              28      40
FISH            FISH LARVAE                                  1      60
HARPACTICOIDA   HARPACTICOID SPECIES                         4       0
                HARPACTICUS SPECIES                          2       0


#810318017    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              14      40
CALANOIDA       CALANUS PACIFICUS                            1      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        2      10
HARPACTICOIDA   HARPACTICOID SPECIES                        32      40
HYPERIDEA       PARATHEMISTO SPECIES                         1       0
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#810318018    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                         1      10
                METRIDIA PACIFICA                        8      90
HARPACTICOIDA   HARPACTICOID SPECIES                     2       0


#810318019    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                          62     100
CALANOIDA       MICROCALANUS PYGMAEUS                    1       0
                PSEUDOCALANUS MINUTUS                    2       0
HARPACTICOIDA   HARPACTICOID SPECIES                     1       0


#810318020    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
                                                         1       0
ACARI           ACARI SPECIES                            1       0
BRACHYURA       BRACHYURA ZOEA                           7      10
CALANOIDA       CALANOID SPECIES                         4      15
                METRIDIA PACIFICA                       14      50
                MICROCALANUS PYGMAEUS                    3       5
                MONSTRILLA SPECIES                       1       0
                PSEUDOCALANUS MINUTUS                    6      20
```

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#810423001     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            10      20
                EURYTEMORA HIRUNDOIDES                      30      60
                PSEUDOCALANUS MINUTUS                       12      20
HARPACTICOIDA   HARPACTICOID SPECIES                         1       0


#810423002     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 33   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            26      30
                EURYTEMORA HIRUNDOIDES                      67      60
                PSEUDOCALANUS MINUTUS                       17      10


#810423003     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
CALANOIDA       CALANOID SPECIES                            16      20
                EURYTEMORA HIRUNDOIDES                      22      50
                PSEUDOCALANUS MINUTUS                       15      20
HARPACTICOIDA   HARPACTICOID SPECIES                        12      10
                HARPACTICUS SPECIES                          2       0
```

```
#810423004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 28   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                         5      10
                EURYTEMORA HIRUNDOIDES                  20      40
                MICROCALANUS PYGMAEUS                    6      10
                PSEUDOCALANUS MINUTUS                   28      40
HARPACTICOIDA   HARPACTICOID SPECIES                     3       0
POLYCHAETA      POLYCHAETA SPECIES                       4       0


#810423005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                        16      10
                EURYTEMORA HIRUNDOIDES                  91      80
                PSEUDOCALANUS MINUTUS                   15      10


#810423006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                        13      10
                EURYTEMORA HIRUNDOIDES                  58      60
                PSEUDOCALANUS MINUTUS                   25      30
HARPACTICOIDA   HARPACTICOID SPECIES                     7       0
```

```
#810423007    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                          16      40
                 EURYTEMORA HIRUNDOIDES                    17      40
                 PSEUDOCALANUS MINUTUS                     10      20


#810423008    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                            1       0
CIRRIPEDIA       CYPRIS LARVA                               1       0
HARPACTICOIDA    HARPACTICOID SPECIES                      57     100
                 HARPACTICUS SPECIES                        1       0


#810423009    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           4       0
                 CALANOID SPECIES                          17      10
                 EURYTEMORA HIRUNDOIDES                    45      50
                 PSEUDOCALANUS MINUTUS                     38      40
HARPACTICOIDA    HARPACTICOID SPECIES                       3       0
```

```
#810423010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 36   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           23      20
                EURYTEMORA HIRUNDOIDES                     87      60
                PSEUDOCALANUS MINUTUS                      25      20
```

```
#810423011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 26   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       EURYTEMORA HIRUNDOIDES                     26      60
                PSEUDOCALANUS MINUTUS                      15      40
```

```
#810423012    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.022    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                           35       5
                CALANOID SPECIES                           24      10
                EURYTEMORA HIRUNDOIDES                     46      35
                PSEUDOCALANUS MINUTUS                      69      50
HARPACTICOIDA   HARPACTICUS SPECIES                         6       0
```

```
#810423013    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 30   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           7      10
                EURYTEMORA HIRUNDOIDES                    27      40
                PSEUDOCALANUS MINUTUS                     36      50


#810423015    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 26   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                         135      80
                EURYTEMORA HIRUNDOIDES                     6       0
                MICROCALANUS PYGMAEUS                     16      10
                PSEUDOCALANUS MINUTUS                     21      10
HARPACTICOIDA   HARPACTICOID SPECIES                       3       0


#810423016    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          12      20
                EURYTEMORA HIRUNDOIDES                    34      50
                PSEUDOCALANUS MINUTUS                     15      30
HARPACTICOIDA   HARPACTICUS SPECIES                        1       0
```

```
#810423017    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 31   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.017    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA      EURYTEMORA HIRUNDOIDES                   42      60
               PSEUDOCALANUS MINUTUS                     9      10
HARPACTICOIDA  HARPACTICOID SPECIES                     28      20
               HARPACTICUS SPECIES                       5      10


#810423018    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 28   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.006    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA      CALANOID SPECIES                         15      40
               EURYTEMORA HIRUNDOIDES                    8      20
               PSEUDOCALANUS MINUTUS                    17      40


#810423019    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 32   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.02     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                            2       5
CALANOIDA      CALANOID SPECIES                         15      10
               EURYTEMORA HIRUNDOIDES                   61      75
               PSEUDOCALANUS MINUTUS                    14      10
```

```
#810423020    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021     GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                         24      20
                 EURYTEMORA HIRUNDOIDES                   99      70
                 PSEUDOCALANUS MINUTUS                    11      10


#810423042    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 128  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                     1      20
HARPACTICOIDA    HARPACTICOID SPECIES                     23      80


#810423043    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            1       5
HARPACTICOIDA    HARPACTICOID SPECIES                     34      80
                 HARPACTICUS SPECIES                       5      15
```

```
#810423044    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                      17      40
                HARPACTICUS SPECIES                        6      20
POLYCHAETA      POLYCHAETA SPECIES                         7      40


#810423045    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      23     100


#810423046    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           3      20
HARPACTICOIDA   HARPACTICOID SPECIES                       2      10
                HARPACTICUS SPECIES                        9      70
```

```
#810423047    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = F
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                      2     100


#810423048    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1      10
HARPACTICOIDA   HARPACTICOID SPECIES                     19      40
                HARPACTICUS SPECIES                      15      40
NATANTIA        NATANTIA ZOEA                             1       0
POLYCHAETA      POLYCHAETA SPECIES                        5      10


#810423049    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           18      80
HARPACTICOIDA   HARPACTICOID SPECIES                      8      20
```

```
#810423050    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA      MICROCALANUS PYGMAEUS                      2      10
HARPACTICOIDA  HARPACTICOID SPECIES                      16      90


#810423051    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                             4      50
HARPACTICOIDA  HARPACTICOID SPECIES                       7      50


#810423052    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                             4      10
HARPACTICOIDA  HARPACTICOID SPECIES                      32      80
               HARPACTICUS SPECIES                        3      10


#810423053    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS =          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
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#810423054    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 34   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.001    GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                           13      50
HARPACTICOIDA   HARPACTICUS SPECIES                        15      50


#810423055    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 27   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                       30      70
                HARPACTICUS SPECIES                         4      30


#810423056    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 26   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.003    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              8      10
CALANOIDA       CALANUS PACIFICUS                           2      20
HARPACTICOIDA   HARPACTICOID SPECIES                       51      60
                HARPACTICUS SPECIES                         4      10
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#810423057    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------



#810423058    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                        18      70
                HARPACTICUS SPECIES                          2      10
POLYCHAETA      POLYCHAETA SPECIES                           6      20


#810423059    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 28   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              11      50
GAMMARIDEA      GAMMARID SPECIES                             1       0
                ISCHYROCERUS ANGUIPES                        1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        14      50
                HARPACTICUS SPECIES                          1       0
NATANTIA        NATANTIA ZOEA                                1       0
```

```
#810423060    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                    2       0
FISH            FISH LARVAE                              2     100


#810424001    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------


#810424002    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                        1      30
                MICROCALANUS PYGMAEUS                    1       0
CHAETOGNATHA    SAGITTA SPECIES                          1      70
LARVACEA        OIKOPLEURA DIOICA                        1       0


#810424003    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           1      30
HARPACTICOIDA   HARPACTICOID SPECIES                     2      20
                HARPACTICUS SPECIES                      1      20
OSTRACODA       OSTRACODA SPECIES                        1      30
```

```
#810424016    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
UNIDENTIFIED     UNIDENTIFIED TAXON                                  100


#810424017    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 27   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY                   20
HARPACTICOIDA    HARPACTICOID SPECIES                          9      40
POLYCHAETA       POLYCHAETA SPECIES                            4      40


#810424018    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 28   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                                1       0
HARPACTICOIDA    HARPACTICOID SPECIES                         46     100


#810424039    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 65   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.013    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                         4     100
```

```
#810424040    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
                                                       10      40
CALANOIDA       CALANUS PACIFICUS                       4      30
GAMMARIDEA      ISCHYROCERUS ANGUIPES                   2      10
HARPACTICOIDA   HARPACTICOID SPECIES                   12      15
                HARPACTICUS SPECIES                     3       5


#810424041    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 33   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                   10     100


#810424042    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
                                                        3      60
CALANOIDA       CALANOID SPECIES                        1      20
GAMMARIDEA      GAMMARID SPECIES                        1      20
```

```
#810424043     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

                                                          4      50
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     1      20
HARPACTICOIDA   HARPACTICOID SPECIES                      3      15
                HARPACTICUS SPECIES                       2      15


#810424044     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

                                                          4      30
CALANOIDA       CALANUS PACIFICUS                         3      30
GAMMARIDEA      GAMMARID SPECIES                          3      30
HARPACTICOIDA   HARPACTICOID SPECIES                      1       0
                HARPACTICUS SPECIES                       1       0
NATANTIA        NATANTIA ZOEA                             1      10


#810424045     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                          3       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     32      50
POLYCHAETA      POLYCHAETA SPECIES                       22      50
```

```
#810424046    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
                                                   NUMBER  VOLUME
TAXON           PREYTYPE
-----------------------------------------------------------------
                                                      2      70
CALANOIDA       CALANUS GLACIALIS                     5      20
HARPACTICOIDA   HARPACTICOID SPECIES                  2      10
LARVACEA        OIKOPLEURA DIOICA


#810424047    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 30   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
                                                   NUMBER  VOLUME
TAXON           PREYTYPE
-----------------------------------------------------------------
                                                      8      60
                                                      1      10
CALANOIDA       CALANUS PACIFICUS                    12      20
HARPACTICOIDA   HARPACTICOID SPECIES                  3      10
                HARPACTICUS SPECIES


#810424048    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
                                                   NUMBER  VOLUME
TAXON           PREYTYPE
-----------------------------------------------------------------
                                                      1      10
                                                      1      10
GAMMARIDEA      GAMMARID SPECIES                     38      50
HARPACTICOIDA   HARPACTICOID SPECIES                  8      30
                HARPACTICUS SPECIES
```

```
#810424049    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
                                                          2      10
HARPACTICOIDA   HARPACTICOID SPECIES                     41      90
                HARPACTICUS SPECIES                       1       0


#810424051    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                          1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     60     100
                HARPACTICUS SPECIES                       1       0


#810424052    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACK CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
                                                          1     100


#810424053    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    PCSITION = AT THE SURFACE
    LENGTH = 30   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
                                                          1      10
CALANOIDA       CALANUS PACIFICUS                         4      50
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     2      20
POLYCHAETA      POLYCHAETA SPECIES                        2      20
```

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#810424054    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          1       0
CALANOIDA         CALANOID SPECIES                        1      20
HARPACTICOIDA     HARPACTICOID SPECIES                   21      60
                  HARPACTICUS SPECIES                     4      20
```

```
#810424055    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 37   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.031    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          3      10
BRACHYURA         BRACHYURA ZOEA                          1       0
CALANOIDA         CALANUS GLACIALIS                       4      10
                  CALANUS PACIFICUS                       1       0
CIRRIPEDIA        CYPRIS LARVA                            1       0
GAMMARIDEA        ISCHYROCERUS ANGUIPES                   6      20
NATANTIA          NATANTIA ZOEA                          29      60
```

```
#810424056    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                        1      10
                  CALANUS PACIFICUS                       1      10
CIRRIPEDIA        CYPRIS LARVA                            1       0
GAMMARIDEA        ISCHYROCERUS ANGUIPES                   1      10
                  PONTOGENEIA INERMIS                     1      10
HARPACTICOIDA     HARPACTICOID SPECIES                   25      60
                  HARPACTICUS SPECIES                     3       0
```

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#810424057    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
HARPACTICOIDA   HARPACTICOID SPECIES                          20     100


#810424058    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------

                                                               1       5
                                                               1       5
CALANOIDA       CALANUS PACIFICUS                              2      10
HARPACTICOIDA   HARPACTICOID SPECIES                         113      80
                HARPACTICUS SPECIES                            3       0


#810425006    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               1       0
                CALANUS PACIFICUS                              3      40
                PSEUDOCALANUS MINUTUS                          3      10
HARPACTICOIDA   HARPACTICUS SPECIES                           15      50
```

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#810425007     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                           2     100
HARPACTICOIDA    HARPACTICOID SPECIES


#810425008     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                           2      30
CALANOIDA        CALANOID SPECIES                          3      40
                 PSEUDOCALANUS MINUTUS                     1      30
GAMMARIDEA       GAMMARID SPECIES


#810425009     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 30   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                           2      30
CALANOIDA        CALANOID SPECIES                          2      30
                 METRIDIA PACIFICA                        22      40
HARPACTICOIDA    HARPACTICOID SPECIES


#810425010     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                           1      50
                                                           1      50
CALANOIDA        CALANOID SPECIES
```

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#810425011    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                        6      50
HARPACTICOIDA    HARPACTICOID SPECIES                    19      50
                 HARPACTICUS SPECIES                      1       0


#810425012    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                         6      10
                 CALANUS PACIFICUS                        1      20
                 PSEUDOCALANUS MINUTUS                   12      50
HARPACTICOIDA    HARPACTICOID SPECIES                     3      10
NATANTIA         NATANTIA ZOEA                            2      10


#810425013    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1      50
CALANOIDA        CALANOID SPECIES                         3      50
```

```
#810425014    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER =     %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER =     %,   DIGESTION =
TAXON           PREYTYPE                                    NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               4      20
                CALANUS PACIFICUS                              9      80
                PSEUDOCALANUS MINUTUS                          1       0


#810425015    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 31   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                    NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               2      30
                CALANUS PACIFICUS                              1      20
HARPACTICOIDA   HARPACTICOID SPECIES                          14      30
                HARPACTICUS SPECIES                            4      20


#810425016    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                    NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                              4      40
GAMMARIDEA      ISCHYROCERUS ANGUIPES                          1       0
HARPACTICOIDA   HARPACTICOID SPECIES                          35      50
                HARPACTICUS SPECIES                            5      10
```

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#810425017    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 32   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.006    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANUS PACIFICUS                          4      40
GAMMARIDEA      HYALE SPECIES                              1      10
HARPACTICOIDA   HARPACTICOID SPECIES                      10      50
                HARPACTICUS SPECIES                        1       0


#810425018    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 32   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.003    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                           1       0
                CALANUS PACIFICUS                          2      20
                PSEUDOCALANUS MINUTUS                      2      10
HARPACTICOIDA   HARPACTICOID SPECIES                      23      50
                HARPACTICUS SPECIES                        4      20


#810425019    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 31   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                           1      10
CALANOIDA       CALANOID SPECIES                           3      30
HARPACTICOIDA   HARPACTICOID SPECIES                      14      50
                HARPACTICUS SPECIES                        1      10
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#810425020    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 30   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.008    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                           1       0
                 CALANOID COPEDID                           3       5
                 CALANOID SPECIES                          27      60
                 PSEUDOCALANUS MINUTUS                      2       5
HARPACTICOIDA    HARPACTICOID SPECIES                      21      30


#810425021    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 33   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.003    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                         12     100


#810425022    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 30   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                            1      20
CALANOIDA        CALANOID SPECIES                           1      20
HARPACTICOIDA    HARPACTICOID SPECIES                       2      20
                 HARPACTICUS SPECIES                        4      40
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#810425023    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                          8      70
HARPACTICOIDA   HARPACTICOID SPECIES                      3      20
                HARPACTICUS SPECIES                       1      10


#810425024    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1      10
CALANOIDA       CALANUS PACIFICUS                         1      50
HARPACTICOIDA   HARPACTICOID SPECIES                     12      40


#810425068    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------

HARPACTICOIDA   HARPACTICOID SPECIES                     61     100
                HARPACTICUS SPECIES                       4       0
```

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#810425069    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 30   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
                                                               2       5
                                                               1       0
BRACHYURA        BRACHYURA ZOEA                                2       0
CALANOIDA        PSEUDOCALANUS MINUTUS                         1       0
CIRRIPEDIA       CYPRIS LARVA                                  1       0
HARPACTICOIDA    HARPACTICOID SPECIES                         38      90
                 HARPACTICUS SPECIES                           3       5


#810425070    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
HARPACTICOIDA    HARPACTICOID SPECIES                         31     100
POLYCHAETA       POLYCHAETA SPECIES                            1       0


#810425071    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                         2      10
HARPACTICOIDA    HARPACTICOID SPECIES                         43      50
                 HARPACTICUS SPECIES                          17      40
```

```
#810425072    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 29   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             2      10
CIRRIPEDIA      CYPRIS LARVA                                 1       0
CUMACEAE        CUMELLA SPECIES                              1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        62      90


#810425073    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                              1      60
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        3      40
OSTRACODA       OSTRACODA SPECIES                            1       0


#810425074    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             2      20
HARPACTICOIDA   HARPACTICOID SPECIES                        21      80
```

```
#810425075    GEARTYPE = BEACH SEINE       KELPTYPE =

        LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
        LENGTH = 30   MM,      WEIGHT =       GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.003    GM
        FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        EPILABIDOCERA AMPHITRITES                      1      10
HARPACTICOIDA    HARPACTICOID SPECIES                          27      90
                 HARPACTICUS SPECIES                            1       0


#810425076    GEARTYPE = BEACH SEINE       KELPTYPE =

        LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
        LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.002    GM
        FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                          2      40
HARPACTICOIDA    HARPACTICOID SPECIES                           3      30
                 HARPACTICUS SPECIES                            2      30


#810425077    GEARTYPE = BEACH SEINE       KELPTYPE =

        LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
        LENGTH = 30   MM,      WEIGHT =       GM,      SEX =
        WEIGHT OF STOMACH CONTENTS = 0.004    GM
        FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
        FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                               1      10
HARPACTICOIDA    HARPACTICOID SPECIES                          70      90
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#810425078    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 30   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------

                                                        1      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                   1      10
HARPACTICOIDA   HARPACTICOID SPECIES                   20      80


#810425079    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                        2       5
HARPACTICOIDA   HARPACTICOID SPECIES                   33      90
                HARPACTICUS SPECIES                     3       5


#810425080    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
                                                        5      40
HARPACTICOIDA   HARPACTICOID SPECIES                   32      60
                HARPACTICUS SPECIES                     1       0
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#810425081    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 34   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                      2      20
HARPACTICOIDA     HARPACTICOID SPECIES                       8      40
                  HARPACTICUS SPECIES                        3      40


#810425082    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                      1      10
HARPACTICOIDA     HARPACTICOID SPECIES                      13      70
                  HARPACTICUS SPECIES                        2      20


#810425083    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1      10
                                                             1      10
HARPACTICOIDA     HARPACTICOID SPECIES                      19      80
                  HARPACTICUS SPECIES                        1       0
```

```
#810425084    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 5C  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
GAMMARIDEA      GAMMARID SPECIES                             2       0
HARPACTICOIDA   HARPACTICOID SPECIES                        36     100
                HARPACTICUS SPECIES                          1       0


#810425085    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             5      20
                CALANUS PACIFICUS                           11      60
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        1      10
HARPACTICOIDA   HARPACTICOID SPECIES                         3      10


#810425086    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                        3      10
                PSEUDOCALANUS MINUTUS                        1      10
CIRRIPEDIA      CYPRIS LARVA                                 1       0
CUMACEAE        CUMELLA SPECIES                              1      10
GAMMARIDEA      GAMMARID SPECIES                             1      10
HARPACTICOIDA   HARPACTICOID SPECIES                        16      60
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#810425087    GEARTYPE = BEACH SEINE       KELPTYPE =

   LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
   LENGTH = 31   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.004    GM
   FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
   FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                        3      20
GAMMARIDEA     ISCHYROCERUS ANGUIPES                    3      20
HARPACTICOIDA  HARPACTICOID SPECIES                     3       0
               HARPACTICUS SPECIES                     11      60


#810507001    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = BEAV    POSITION = AT THE SURFACE
   LENGTH = 47   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.013    GM
   FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
   FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                        1       0
                                                        2      10
CALANOIDA      CALANOID SPECIES                        18      30
               EURYTEMORA HIRUNDOIDES                  11      20
               PSEUDOCALANUS MINUTUS                    9      20
HARPACTICOIDA  HARPACTICOID SPECIES                     9      20
               HARPACTICUS SPECIES                      2       0


#810507002    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = BEAV    POSITION = AT THE SURFACE
   LENGTH = 37   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.024    GM
   FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
   FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                        1       0
CALANOIDA      CALANOID SPECIES                        51      40
               CALANUS PACIFICUS                        2       0
               EURYTEMORA HIRUNDOIDES                  52      40
               MICROCALANUS PYGMAEUS                    8       0
               PSEUDOCALANUS MINUTUS                   30      20
HARPACTICOIDA  HARPACTICOID SPECIES                     5       0
               HARPACTICUS SPECIES                      7       0
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#810507003    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 36   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       0
CALANOIDA       CALANOID SPECIES                          41      50
                CALANUS GLACIALIS                          1      10
                EURYTEMORA HIRUNDOIDES                    24      20
                MICROCALANUS PYGMAEUS                      3       0
HARPACTICOIDA   HARPACTICOID SPECIES                      20      10
                HARPACTICUS SPECIES                       14      10


#810507004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 38   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.017    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
                                                           4      10
CALANOIDA       CALANOID SPECIES                           2       0
                CALANUS PACIFICUS                          1       0
GAMMARIDEA      HYALE SPECIES                              1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      48      20
                HARPACTICUS SPECIES                       76      70


#810507005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 38   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
                                                           6      10
CALANOIDA       CALANOID SPECIES                           6      10
HARPACTICOIDA   HARPACTICOID SPECIES                      87      60
                HARPACTICUS SPECIES                       17      20
POLYCHAETA      POLYCHAETA SPECIES                         1       0
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#810507006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
                                                   NUMBER  VOLUME
TAXON            PREYTYPE
------------------------------------------------------------------
                                                      1       0
                                                     19      40
CALANOIDA        CALANOID SPECIES                    20      50
                 EURYTEMORA HIRUNDOIDES               4      10
                 PSEUDOCALANUS MINUTUS                2       0
HARPACTICOIDA    HARPACTICUS SPECIES


#810507007    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
                                                   NUMBER  VOLUME
TAXON            PREYTYPE
------------------------------------------------------------------
                                                     74      90
HARPACTICOIDA    HARPACTICOID SPECIES                 6      10
                 HARPACTICUS SPECIES                  2       0
LARVACEA         OIKOPLEURA DIOICA


#810507008    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 38   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
                                                   NUMBER  VOLUME
TAXON            PREYTYPE
------------------------------------------------------------------
                                                      1       0
CALANOIDA        CALANOID SPECIES                     1       5
                 CALANUS PACIFICUS                    9      15
                 EURYTEMORA HIRUNDOIDES              86      70
HARPACTICOIDA    HARPACTICOID SPECIES                 9      10
                 HARPACTICUS SPECIES
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#810507009    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =      GM.     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                   19      20
HARPACTICOIDA   HARPACTICOID SPECIES                    68      40
                HARPACTICUS SPECIES                     36      40


#810507010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.016    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                        3      30
                CALANUS GLACIALIS                        2      10
                EURYTEMORA HIRUNDOIDES                  17      20
                PSEUDOCALANUS MINUTUS                   11      20
HARPACTICOIDA   HARPACTICOID SPECIES                    15      10
                HARPACTICUS SPECIES                     12      10
HYPERIDEA       PARATHEMISTO SPECIES                     1      10


#810507011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
                                                         1       0
GAMMARIDEA      GAMMARID SPECIES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                    91      50
                HARPACTICUS SPECIES                     74      50
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#810507012    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 37   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.017    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                        1       0
CALANOIDA       EURYTEMORA HIRUNDOIDES                  7      10
                PSEUDOCALANUS MINUTUS                   5      10
GAMMARIDEA      GAMMARID SPECIES                        3      10
HARPACTICOIDA   HARPACTICOID SPECIES                   66      50
                HARPACTICUS SPECIES                    16      20


#810507013    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 37   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.023    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                        1       0
CALANOIDA       CALANOID SPECIES                       30      10
                CALANUS PACIFICUS                       1       0
                EURYTEMORA HIRUNDOIDES                106      90
                PSEUDOCALANUS MINUTUS                  10       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                   1       0


#810507014    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 45   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                        1       0
CALANOIDA       CALANUS PACIFICUS                       2      10
                EURYTEMORA HIRUNDOIDES                  1       0
CUMACEAE        LAMPROPS QUADRIPLICATA                 11      80
GAMMARIDEA      ISCHYROCERUS ANGUIPES                   1       5
HARPACTICOIDA   HARPACTICOID SPECIES                    7       5
```

```
#810507015    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 38   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.015    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                           19      30
                 CALANUS PACIFICUS                           7      20
                 EURYTEMORA HIRUNDOIDES                     20      30
                 PSEUDOCALANUS MINUTUS                      15      20
HARPACTICOIDA    HARPACTICOID SPECIES                        2       0
POLYCHAETA       POLYCHAETA SPECIES                          2       0


#810507016    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 34   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.012    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           21      20
                 CALANOID SPECIES                            7      20
                 CALANUS PACIFICUS                           1       0
                 EURYTEMORA HIRUNDOIDES                      7      20
CUMACEAE         LAMPROPS QUADRIPLICATA                      3       0
GAMMARIDEA       GAMMARID SPECIES                            2       5
                 ISCHYROCERUS ANGUIPES                       5      15
HARPACTICOIDA    HARPACTICOID SPECIES                        7       5
                 HARPACTICUS SPECIES                        17      15


#810507017    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 45   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.029    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           14       0
                 CALANOID SPECIES                            4       0
                 EURYTEMORA HIRUNDOIDES                    143      70
                 PSEUDOCALANUS MINUTUS                       7       0
HARPACTICOIDA    HARPACTICOID SPECIES                       97      30
                 HARPACTICUS SPECIES                         4       0
```

```
#810507018    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 35   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.02      GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                          97      30
                CALANUS GLACIALIS                          1      10
                EURYTEMORA HIRUNDOIDES                    26      20
                PSEUDOCALANUS MINUTUS                     44      30
HARPACTICOIDA   HARPACTICOID SPECIES                      18       5
                HARPACTICUS SPECIES                        5       5
LARVACEA        OIKOPLEURA DIOICA                          2       0


#810507019    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 39   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.012     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                           1      10
CALANOIDA       CALANOID SPECIES                           6      15
                EURYTEMORA HIRUNDOIDES                     2       5
GAMMARIDEA      GAMMARID SPECIES                           1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      42      40
ISOPODA         GNATHIA SPECIES                            1       0
NATANTIA        NATANTIA ZOEA                              1      30


#810507020    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 38   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.016     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                           5      10
CALANOIDA       CALANOID SPECIES                           7      10
                CALANUS PACIFICUS                          1       0
                EURYTEMORA HIRUNDOIDES                     8      10
                PSEUDOCALANUS MINUTUS                      3       0
HARPACTICOIDA   HARPACTICOID SPECIES                      58      40
                HARPACTICUS SPECIES                       24      30
```

```
#810507171    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 44   MM,      WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.037    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------

                                                          1       0
CALANOIDA        CALANUS PACIFICUS                       29      50
CUMACEAE         LAMPROPS QUADRIPLICATA                   3       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   28      50
HARPACTICOIDA    HARPACTICUS SPECIES                      2       0


#810507172    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 50   MM,      WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.033    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------

                                                          1       0
                                                          6      20
CALANOIDA        CALANOID SPECIES                        13      40
                 CALANUS PACIFICUS                       14      40
GAMMARIDEA       ISCHYROCERUS ANGUIPES                    2       0
LARVACEA         OIKOPLEURA DIOICA                        5       0


#810507173    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 48   MM,      WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.054    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------

                                                          3       0
CALANOIDA        CALANUS GLACIALIS                       30      50
CUMACEAE         LAMPROPS QUADRIPLICATA                   1       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   33      30
                 PONTOGENEIA INERMIS                      1       0
HARPACTICOIDA    HARPACTICOID SPECIES                     6       0
LARVACEA         OIKOPLEURA DIOICA                       13      20
POLYCHAETA       POLYCHAETA SPECIES                       2       0
```

```
#810507174    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.022    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
------------------------------------------------------------------
                                                       3       5
                                                       2       5
CALANOIDA        CALANOID SPECIES                      4       0
                 CALANUS PACIFICUS                    10      50
                 PSEUDOCALANUS MINUTUS                 1       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                 5      10
HARPACTICOIDA    HARPACTICOID SPECIES                 84      30
                 HARPACTICUS SPECIES                   2       0
LARVACEA         OIKOPLEURA DIOICA                     1       0
```

```
#810507175    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 37   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                    23     100
HARPACTICOIDA    HARPACTICUS SPECIES                   1       0
```

```
#810507176    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                           NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                    11      40
FISH             FISH LARVAE                           1      60
HARPACTICOIDA    HARPACTICOID SPECIES                  8       0
```

```
#810507177    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 41   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                          2       5
CALANOIDA       CALANUS PACIFICUS                        18      80
CUMACEAE        LAMPROPS QUADRIPLICATA                    2       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     2       0
HARPACTICOIDA   HARPACTICOID SPECIES                     14      10
                HARPACTICUS SPECIES                       2       5
POLYCHAETA      POLYCHAETA SPECIES                        1       0


#810507178    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 37   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.022    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1       0
BRACHYURA       BRACHYURA ZOEA                            1       0
CALANOIDA       CALANUS PACIFICUS                        17      40
HARPACTICOIDA   HARPACTICOID SPECIES                     69      60
                HARPACTICUS SPECIES                       1       0


#810507179    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.034    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                          4       0
                                                          2       0
CALANOIDA       CALANUS PACIFICUS                         3       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     2       0
HARPACTICOIDA   HARPACTICOID SPECIES                    188     100
                HARPACTICUS SPECIES                       6       0
```

```
#810507180    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.016    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
                                                            1       0
                                                            2       0
CALANOIDA       CALANOID SPECIES                            2       0
                CALANUS PACIFICUS                          21      80
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       2       0
HARPACTICOIDA   HARPACTICOID SPECIES                       24      20
                HARPACTICUS SPECIES                         1       0
```

```
#810507181    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 45   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.049    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                           7      10
                PSEUDOCALANUS MINUTUS                       2       0
CIRRIPEDIA      CYPRIS LARVA                                5       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       7       0
                PONTOGENEIA INERMIS                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      291      90
                HARPACTICUS SPECIES                         5       0
```

```
#810507182    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 47   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.042    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
                                                            2       0
CALANOIDA       CALANUS PACIFICUS                          19      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      34      30
HARPACTICOIDA   HARPACTICOID SPECIES                      127      40
                HARPACTICUS SPECIES                        10      10
```

```
#810507183    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 36   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.015    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       0
CALANOIDA       CALANUS PACIFICUS                          6      20
CUMACEAE        CUMACEAE SPECIES                           2       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      3       0
HARPACTICOIDA   HARPACTICOID SPECIES                      67      70
                HARPACTICUS SPECIES                        5      10


#810507185    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       0
                                                           8      10
CALANOIDA       CALANUS PACIFICUS                          5      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      88      80
                HARPACTICUS SPECIES                        2       0


#810507186    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 37   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.023    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       0
CALANOIDA       CALANUS PACIFICUS                          6      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      5      10
HARPACTICOIDA   HARPACTICOID SPECIES                     127      80
                HARPACTICUS SPECIES                        3       0
POLYCHAETA      POLYCHAETA SPECIES                         1       0
```

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#810507187    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 37   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                        22      10
GAMMARIDEA       ISCHYROCERUS ANGUIPES                     5      10
HARPACTICOIDA    HARPACTICOID SPECIES                     36      10
                 HARPACTICUS SPECIES                       5      10


#810507188    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 36   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.03     GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1       0
CALANOIDA        CALANOID SPECIES                          2       0
                 CALANUS GLACIALIS                         4      10
                 CALANUS PACIFICUS                        44      80
HARPACTICOIDA    HARPACTICOID SPECIES                     19      10


#810507189    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 34   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                           2       0
CALANOIDA        CALANUS PACIFICUS                        32     100
HARPACTICOIDA    HARPACTICOID SPECIES                      8       0
NATANTIA         NATANTIA ZOEA                             2       0
POLYCHAETA       POLYCHAETA SPECIES                        1       0
```

```
#810507190    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 34   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                       20      50
                PSEUDOCALANUS MINUTUS                    2       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    1       0
HARPACTICOIDA   HARPACTICOID SPECIES                    62      40
                HARPACTICUS SPECIES                      9      10


#810511021    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
                                                         3      20
CALANOIDA       CALANUS PACIFICUS                        3      30
                PSEUDOCALANUS MINUTUS                    4      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     6      10
                HARPACTICUS SPECIES                      7      30


#810511022    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 15  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 15  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                         1       0
CIRRIPEDIA      CYPRIS LARVA                             1       0
HARPACTICOIDA   HARPACTICOID SPECIES                    50      90
                HARPACTICUS SPECIES                      7      10
```

```
#810511023    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                         13     100
HARPACTICOIDA   HARPACTICOID SPECIES                       1       0


#810511024    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           1       0
                CALANUS PACIFICUS                          3      10
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)              1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      28      90
                HARPACTICUS SPECIES                        1       0


#810511025    GEARTYPE = BEACH SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.015    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                          1       0
                MONSTRILLA SPECIES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      85      90
                HARPACTICUS SPECIES                       10      10
```

```
#810511026    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                       1       0
                CALANUS PACIFICUS                     14      90
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)          4      10
HARPACTICOIDA   HARPACTICOID SPECIES                  16       0
                HARPACTICUS SPECIES                    1       0


#810511027    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02     GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                       1       0
                                                       5      10
CALANOIDA       CALANUS PACIFICUS                      4      20
GAMMARIDEA      AOROIDES COLUMBIAE                     1      10
                PARAMOERI MOHRI (UNDESCRIBED)          2      25
HARPACTICOIDA   HARPACTICOID SPECIES                   4       5
                HARPACTICUS SPECIES                    4       5
POLYCHAETA      POLYCHAETA SPECIES                     1       0
UNIDENTIFIED    UNIDENTIFIED TAXON                            25


#810511028    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                     19      70
                EPILABIDOCERA AMPHITRITES              1      10
                METRIDIA PACIFICA                      2      10
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)          2      10
HARPACTICOIDA   HARPACTICOID SPECIES                   2       0
```

```
#810511029    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            1       0
CLUPEIDAE       CLUPEID EGGS                                3       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       1       0
HARPACTICOIDA   HARPACTICOID SPECIES                        7      10
                HARPACTICUS SPECIES                        81      90


#810511030    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.017    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           22      70
                CALANUS PACIFICUS                           5      10
                METRIDIA PACIFICA                           6      10
GAMMARIDEA      GAMMARID SPECIES                            7      10
LARVACEA        OIKOPLEURA DIOICA                           3       0
NATANTIA        NATANTIA ZOEA                               1       0


#810511031    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.009    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            1       0
                CALANUS PACIFICUS                           2       0
HARPACTICOIDA   HARPACTICOID SPECIES                       21      25
                HARPACTICUS SPECIES                        20      35
POLYCHAETA      POLYCHAETA SPECIES                         11      40
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```
#810511032    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                            5      20
                PSEUDOCALANUS MINUTUS                        1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        4      20
                PARAMOERI MOHRI (UNDESCRIBED)                4      20
HARPACTICOIDA   HARPACTICOID SPECIES                         8       5
                HARPACTICUS SPECIES                         19      35
```

```
#810511033    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                             1       0
GAMMARIDEA      GAMMARID SPECIES                             2       0
HARPACTICOIDA   HARPACTICOID SPECIES                        51      80
                HARPACTICUS SPECIES                          9      20
```

```
#810511034    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER =     %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)                6      70
HARPACTICOIDA   HARPACTICOID SPECIES                         8      15
                HARPACTICUS SPECIES                          3      15
```

```
#810511035   GEARTYPE = BEACH SEINE      KELPTYPE =

   LOCATION = MALC   POSITION = AT THE SURFACE  LANDWARD OF KELP
   LENGTH = 35   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.011    GM
   FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
   FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
                                                         2      10
CALANOIDA        CALANOID SPECIES                        1       0
FISH             FISH LARVAE                             1      20
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   33      40
                 HARPACTICUS SPECIES                    25      30


#810511036   GEARTYPE = BEACH SEINE      KELPTYPE =

   LOCATION = MALC   POSITION = AT THE SURFACE  LANDWARD OF KELP
   LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.006    GM
   FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
   FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                          1       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   3      20
HARPACTICOIDA    HARPACTICOID SPECIES                   25      70
                 HARPACTICUS SPECIES                     6      10


#810511037   GEARTYPE = BEACH SEINE      KELPTYPE =

   LOCATION = MALC   POSITION = AT THE SURFACE  LANDWARD OF KELP
   LENGTH = 33   MM,     WEIGHT =      GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.006    GM
   FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
   FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
                                                         1      10
CALANOIDA        CALANUS PACIFICUS                       7      80
HARPACTICOIDA    HARPACTICOID SPECIES                    3      10
```

```
#810511038    GEARTYPE - BEACH SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 33   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.019    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

                                                          2       0
BRACHYURA       BRACHYURA ZOEA                           12      10
CALANOIDA       CALANUS PACIFICUS                         7      10
                PSEUDOCALANUS MINUTUS                     1       0
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)             2       0
HARPACTICOIDA   HARPACTICOID SPECIES                    114      80
                HARPACTICUS SPECIES                       3       0
LARVACEA        OIKOPLEURA DIOICA                         5       0
OSTRACODA       OSTRACODA SPECIES                         1       0


#810511039    GEARTYPE - BEACH SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 31   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.005    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

                                                          3      20
CALANOIDA       CALANUS PACIFICUS                         1      10
HARPACTICOIDA   HARPACTICOID SPECIES                     20      70
                HARPACTICUS SPECIES                       1       0


#810511040    GEARTYPE - BEACH SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 32   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.014    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

                                                          1       0
CALANOIDA       CALANUS PACIFICUS                        17      60
GAMMARIDEA      GAMMARID SPECIES                          2       0
HARPACTICOIDA   HARPACTICOID SPECIES                      3       0
                HARPACTICUS SPECIES                       3       5
LARVACEA        OIKOPLEURA DIOICA                         4       5
POLYCHAETA      POLYCHAETA SPECIES                        9      30
```

```
#810522002    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 55   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.04      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                     2       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                     8       0
                 PONTOGENEIA INERMIS                       1       0
HARPACTICOIDA    HARPACTICOID SPECIES                    394     100
                 HARPACTICUS SPECIES                       8       0
POLYCHAETA       POLYCHAETA SPECIES                        1       0


#810522006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 48   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.027     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                         56      30
                 EURYTEMORA HIRUNDOIDES                   13      10
                 PSEUDOCALANUS MINUTUS                   107      60
HARPACTICOIDA    HARPACTICOID SPECIES                      1       0
                 HARPACTICUS SPECIES                       1       0
NATANTIA         NATANTIA ZOEA                             1       0


#810522007    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 52   MM,      WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.061     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                         25       0
                 PSEUDOCALANUS MINUTUS                   400     100
```

```
#810522008    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            41      50
                EURYTEMORA HIRUNDOIDES                      12      10
                PSEUDOCALANUS MINUTUS                       26      30
HARPACTICOIDA   HARPACTICOID SPECIES                        20      10


#810522009    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.019     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                      123     100
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       0
GAMMARIDEA      GAMMARID SPECIES                             1       0
HARPACTICOIDA   HARPACTICOID SPECIES                         1       0


#810522010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           108      90
                PSEUDOCALANUS MINUTUS                       13      10
HARPACTICOIDA   HARPACTICOID SPECIES                         4       0
LARVACEA        OIKOPLEURA DIOICA                            1       0
```

```
#810524005    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                            4      70
CALANOIDA       CALANUS PACIFICUS                           1      20
HARPACTICOIDA   HARPACTICOID SPECIES                        3      10


#810524006    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CUMACEAE        CUMELLA SPECIES                             1       0
HARPACTICOIDA   HARPACTICOID SPECIES                       45      90
                HARPACTICUS SPECIES                         2      10


#810524023    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                           24      20
CALANOIDA       CALANOID SPECIES                            2       0
                CALANUS PACIFICUS                           8      10
CIRRIPEDIA      CYPRIS LARVA                                1       0
HARPACTICOIDA   HARPACTICOID SPECIES                      117      70
                HARPACTICUS SPECIES                         7       0
```

```
#810524028    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 40   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
                                                             4      20
CALANOIDA       CALANOID SPECIES                             7      40
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        3      15
                ORCHESTOIDEA SPECIES                         1       5
HARPACTICOIDA   HARPACTICOID SPECIES                        37      10
                HARPACTICUS SPECIES                         10      10


#810524029    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 53   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.042    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
                                                            20      20
ARACHNIDA       ARACHNIDA SPECIES                            1       0
CALANOIDA       CALANOID SPECIES                             1       0
                CALANUS PACIFICUS                            4       0
                MICROCALANUS PYGMAEUS                        4       0
                PSEUDOCALANUS MINUTUS                        7       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        4       0
                ORCHESTOIDEA SPECIES                         1       0
HARPACTICOIDA   HARPACTICOID SPECIES                       234      70
                HARPACTICUS SPECIES                         25      10
LARVACEA        OIKOPLEURA DIOICA                            1       0


#810524059    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 44   MM,     WEIGHT =      GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.017    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
                                                             1       0
CALANOIDA       CALANOID SPECIES                            84      50
                CALANUS PACIFICUS                            1       0
                MICROCALANUS PYGMAEUS                        9       0
                PSEUDOCALANUS MINUTUS                       76      40
HARPACTICOIDA   HARPACTICOID SPECIES                        23      10
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                          HARPACTICUS SPECIES                          1      0


#810524062    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 46   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.038     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
                                                               1      0
                                                               1      0
CALANOIDA        CALANUS GLACIALIS                            33     60
                 CALANUS PACIFICUS                            23     40
                 METRIDIA PACIFICA                             1      0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                         4      0
HARPACTICOIDA    HARPACTICOID SPECIES                          1      0
POLYCHAETA       POLYCHAETA SPECIES


#810524063    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.016     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
                                                              18     40
                                                               3      0
CALANOIDA        CALANOID SPECIES                             10     50
                 CALANUS PACIFICUS                             2      0
                 PSEUDOCALANUS MINUTUS                        13     10
HARPACTICOIDA    HARPACTICOID SPECIES                          2      0
                 HARPACTICUS SPECIES


#810524064    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 51   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.023     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
                                                              18     40
                                                              14     40
CALANOIDA        CALANUS PACIFICUS                             8      0
                 PSEUDOCALANUS MINUTUS                        23     15
HARPACTICOIDA    HARPACTICOID SPECIES                          4      5
                 HARPACTICUS SPECIES
```

```
#810524065    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                           3      20
CALANOIDA          CALANUS PACIFICUS                      14      80
GAMMARIDEA         ISCHYROCERUS ANGUIPES                   1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    4       0
                   HARPACTICUS SPECIES                     2       0


#810524066    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 39   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          10      50
CALANOIDA          CALANUS PACIFICUS                       2       0
HARPACTICOIDA      HARPACTICOID SPECIES                   13      20
                   HARPACTICUS SPECIES                     9      30


#810524067    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 50   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
                                                          14      30
BRACHYURA          BRACHYURA ZOEA                          3       0
CALANOIDA          CALANUS PACIFICUS                       1       0
                   PSEUDOCALANUS MINUTUS                  12      10
CUMACEAE           CUMELLA SPECIES                         1       0
GAMMARIDEA         GAMMARID SPECIES                        1       0
                   ISCHYROCERUS ANGUIPES                   1       0
HARPACTICOIDA      HARPACTICOID SPECIES                   67      50
                   HARPACTICUS SPECIES                     3       0
ISOPODA            GNATHIA SPECIES                         1       0
LARVACEA           OIKOPLEURA DIOICA                       9      10
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```
#810524068    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 42   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                        14      40
BRACHYURA        BRACHYURA ZOEA                          2       0
CALANOIDA        CALANUS PACIFICUS                      12      40
HARPACTICOIDA    HARPACTICOID SPECIES                   43      20
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#810524069    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 42   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                         1       0
CALANOIDA        CALANUS PACIFICUS                      21      80
HARPACTICOIDA    HARPACTICOID SPECIES                   31      10
                 HARPACTICUS SPECIES                     9      10
INSECTA          TANYPODIDAE SPECIES                     1       0
LARVACEA         OIKOPLEURA DIOICA                       1       C
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```
#810524070    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 43   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                        12      20
CALANOIDA        CALANOID SPECIES                        7       0
                 METRIDIA PACIFICA                      13      30
                 PSEUDOCALANUS MINUTUS                  16      10
HARPACTICOIDA    HARPACTICOID SPECIES                   67      40
                 HARPACTICUS SPECIES                     6       0
LARVACEA         OIKOPLEURA DIOICA                       3       0
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```
#810524071    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 47   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.03     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                          2       0
CALANOIDA       CALANUS PACIFICUS                        12      20
                PSEUDOCALANUS MINUTUS                     2       0
CUMACEAE        CUMELLA SPECIES                          90      80
HARPACTICOIDA   HARPACTICOID SPECIES                      4       0


#810524072    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 49   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                          2      10
CALANOIDA       CALANUS PACIFICUS                         7      30
                PSEUDOCALANUS MINUTUS                    71      60
HARPACTICOIDA   HARPACTICOID SPECIES                      4       0
LARVACEA        OIKOPLEURA DIOICA                         3       0
POLYCHAETA      POLYCHAETA SPECIES                        1       0


#810524073    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                          7      20
CALANOIDA       CALANUS PACIFICUS                        13      30
                PSEUDOCALANUS MINUTUS                     1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     1       0
HARPACTICOIDA   HARPACTICOID SPECIES                     38      50
                HARPACTICUS SPECIES                       2       0
LARVACEA        OIKOPLEURA DIOICA                         1       0
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#810524074    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 51   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.03        GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,    DIGESTION = D
TAXON             PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                               10      20
                                                                1       0
CALANOIDA         CALANOID COPEDID                             29      50
                  CALANUS GLACIALIS                             2       0
CHAETOGNATHA      SAGITTA SPECIES                              23      30
CUMACEAE          CUMELLA SPECIES                               3       0
GAMMARIDEA        GAMMARID SPECIES                              1       0
HARPACTICOIDA     HARPACTICOID SPECIES                          1       0
LARVACEA          OIKOPLEURA DIOICA


#810524075    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 39   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005       GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON             PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                                2      10
                                                               23      70
CALANOIDA         CALANOID SPECIES                              5      10
                  MICROCALANUS PYGMAEUS                         4      10
                  PSEUDOCALANUS MINUTUS


#810524076    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 46   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.031       GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON             PREYTYPE                                 NUMBER  VOLUME
--------------------------------------------------------------------------
                                                               24      20
                                                                1       0
BRACHYURA         BRACHYURA ZOEA                               20      20
CALANOIDA         CALANUS PACIFICUS                           109      60
HARPACTICOIDA     HARPACTICOID SPECIES                          5       0
                  HARPACTICUS SPECIES
```

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#810524077    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 45   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.039    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
                                                         1       0
                                                        46      70
ARACHNIDA      ARACHNIDA SPECIES                         1       0
CALANOIDA      CALANUS PACIFICUS                         7      10
               PSEUDOCALANUS MINUTUS                     5       0
GAMMARIDEA     ISCHYROCERUS ANGUIPES                     2       0
HARPACTICOIDA  HARPACTICOID SPECIES                     85      20


#810601001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 445  MM,     WEIGHT = 1258 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------


#810601002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 437  MM,     WEIGHT = 1183 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
```

#810623005 GEARTYPE = BEACH SEINE KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 68 MM, WEIGHT = 3 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.113 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 75 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| | | 1 | 0 |
| BRACHYURA | BRACHYURA ZOEA | 1 | 0 |
| CALANOIDA | AETEDIUS ARMATUS | 1 | 0 |
| | CALANUS PACIFICUS | 1 | 0 |
| CUMACEAE | CUMELLA SPECIES | 2 | 0 |
| GAMMARIDEA | ISCHYROCERUS ANGUIPES | 97 | 80 |
| | ORCHESTOIDEA SPECIES | 1 | 0 |
| | PONTOGENEIA INERMIS | 1 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 90 | 20 |
| NEMATODA | NEMATODA SPECIES | 1 | 0 |

#810623006 GEARTYPE = BEACH SEINE KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 64 MM, WEIGHT = 2 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.078 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA ZOEA | 1 | 0 |
| CALANOIDA | CALANUS PACIFICUS | 2 | 0 |
| | TORTANUS DISCAUDATUS | 1 | 0 |
| GAMMARIDEA | ISCHYROCERUS ANGUIPES | 62 | 40 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 267 | 60 |
| | HARPACTICUS SPECIES | 3 | 0 |
| NEMATODA | NEMATODA SPECIES | 1 | 0 |

#810623007 GEARTYPE = BEACH SEINE KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 61 MM, WEIGHT = 2 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.029 GM
FULLNESS OF CARDIAC CHAMBER = 25 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 25 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| GAMMARIDEA | ISCHYROCERUS ANGUIPES | 11 | 0 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 217 | 100 |
| | HARPACTICUS SPECIES | 5 | 0 |
| INSECTA | INSECTA SPECIES | 1 | 0 |

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#810623008    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 61   MM,     WEIGHT = 2    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      2     40
HARPACTICOIDA   HARPACTICOID SPECIES                       7.    30
                HARPACTICUS SPECIES                        4     30


#810623009    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 50   MM,     WEIGHT = 1    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.046    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                      4      0
CIRRIPEDIA      CYPRIS LARVA                               1      0
CUMACEAE        CUMELLA SPECIES                           10      0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1      0
HARPACTICOIDA   HARPACTICOID SPECIES                     426    100
                HARPACTICUS SPECIES                        6      0


#810623010    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 51   MM,     WEIGHT = 1    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.031    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          3      5
                PSEUDOCALANUS MINUTUS                      9      5
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1      0
HARPACTICOIDA   HARPACTICOID SPECIES                     181     70
                HARPACTICUS SPECIES                       18     20
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#810623011    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 46   MM,      WEIGHT = 1    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.03     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
                                                         3       0
CUMACEAE        CUMELLA SPECIES                         17      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                   11      10
HARPACTICOIDA   HARPACTICOID SPECIES                   113      60
                HARPACTICUS SPECIES                     14      10


#810712051    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 70   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.086    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
                                                        32      40
                                                         2       0
CALANOIDA       CALANUS PACIFICUS                       22      30
CTENOPHORA      CTENOPHORE SPECIES                              30


#810718002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 385  MM,      WEIGHT = 930  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 29.008   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                 10     100
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#810720008    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 91   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.121    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                 100


#810720009    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 107  MM,     WEIGHT = 11   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.169    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY          1      10
CALANOIDA       CALANUS GLACIALIS                           5      10
                CALANUS PACIFICUS                           1       0
CTENOPHORA      CTENOPHORE SPECIES                                 80


#810720010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 104  MM,     WEIGHT = 11   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.158    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                 100


#810720011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 94   MM,     WEIGHT = 8    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.115    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            2       0
CTENOPHORA      CTENOPHORE SPECIES                                 100
CUMACEAE        CUMELLA SPECIES                             1       0
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)               2       0
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#810725009    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 112  MM.      WEIGHT - 15   GM.      SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------


#810728004    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 525  MM.      WEIGHT - 2500 GM.      SEX - F
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------


#810802022    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 129  MM.      WEIGHT - 26   GM.      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.31      GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - VWD
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - VWD
TAXON           PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            1       0
                CALANUS PACIFICUS                           2       0
                EPILABIDOCERA AMPHITRITES                   1       0
CLADOCERA       EVADNE NORMANI                              1       0
NATANTIA        NATANTIA ZOEA                               1       0
UNIDENTIFIED    UNIDENTIFIED TAXON                                100
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#810802023     GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 115  MM,      WEIGHT = 15   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.273    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                    80
CALANOIDA       PSEUDOCALANUS MINUTUS                          1       0
CHAETOGNATHA    SAGITTA SPECIES                                2       0
FISH            FISH LARVAE                                    5      10
LARVACEA        OIKOPLEURA DIOICA                             18      10
NATANTIA        NATANTIA ZOEA                                  1       0


#810802024     GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 110  MM,      WEIGHT = 13   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.148    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                               6       0
                PSEUDOCALANUS MINUTUS                          6       0
LARVACEA        OIKOPLEURA DIOICA                              8       0
NATANTIA        NATANTIA ZOEA                                  2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                                   100


#810802025     GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 125  MM,      WEIGHT = 24   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.288    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                              2       0
                CALANUS PLUMCHRUS                              2       0
CTENOPHORA      CTENOPHORE SPECIES                                   100
NATANTIA        NATANTIA ZOEA                                  1       0
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```
#810802026    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 116  MM,      WEIGHT = 14   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.199    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = VWD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY                  60
CLADOCERA        EVADNE NORMANI                              1        0
                 PODON POLYPHEMOIDES                         1        0
FISH             FISH LARVAE                                 2        0
LARVACEA         OIKOPLEURA DIOICA                          84       40


#810802027    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 130  MM,      WEIGHT = 22   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.306    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                            1        0
CTENOPHORA       CTENOPHORE SPECIES                                 100


#810802028    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 128  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.418    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                            4        0
CTENOPHORA       CTENOPHORE SPECIES                                  60
LARVACEA         OIKOPLEURA DIOICA                          89       40
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#810802029     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 135  MM,      WEIGHT = 21   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.355    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                             1       0
GAMMARIDEA        PONTOGENEIA INERMIS                          1      10
LARVACEA          OIKOPLEURA DIOICA                           76      90


#810802030     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 117  MM,      WEIGHT = 14   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.338    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA         CALANOID SPECIES                             3       0
CLADOCERA         EVADNE NORMANI                               2       0
FISH              FISH LARVAE                                  2       0
HYPERIDEA         PARATHEMISTO SPECIES                         1       0
LARVACEA          OIKOPLEURA DIOICA                          112     100
NATANTIA          NATANTIA ZOEA                                9       0


#810802031     GEARTYPE = PURSE SEINE        KELPTYPE =

     LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 111  MM,      WEIGHT = 13   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.369    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 56  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
LARVACEA          OIKOPLEURA DIOICA                          149     100
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#810802032    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 109  MM,      WEIGHT = 13   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.195    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                             1       0
                 CALANUS GLACIALIS                            1       0
CLADOCERA        PODON POLYPHEMOIDES                          1       0
FISH             FISH LARVAE                                 17      10
UNIDENTIFIED     UNIDENTIFIED TAXON                                  90


#810802033    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 129  MM,      WEIGHT = 21   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.302    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                             1       0
                 CALANUS GLACIALIS                            2       0
CHAETOGNATHA     SAGITTA SPECIES                              3       0
CTENOPHORA       CTENOPHORE SPECIES                                 100
NATANTIA         NATANTIA ZOEA                                2       0


#810802034    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 118  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.216    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                             1       0
                 CALANOID SPECIES                             1       0
CIRRIPEDIA       BARNACLE NAUPLII                             1       0
CLADOCERA        PODON POLYPHEMOIDES                          3       0
FISH             FISH LARVAE                                  4       5
LARVACEA         OIKOPLEURA DIOICA                           25      25
NATANTIA         NATANTIA ZOEA                                1       0
UNIDENTIFIED     UNIDENTIFIED TAXON                                  70
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#810802035    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 112  MM,     WEIGHT = 12   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.216    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             3       0
CHAETOGNATHA    SAGITTA SPECIES                             16      50
FISH            FISH LARVAE                                  7      10
LARVACEA        OIKOPLEURA DIOICA                           45      40
NATANTIA        NATANTIA ZOEA                                2       0


#810802036    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 125  MM,     WEIGHT = 18   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.324    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             8       0
CHAETOGNATHA    SAGITTA SPECIES                              1       0
FISH            FISH LARVAE                                  1       0
NATANTIA        NATANTIA ZOEA                                2       0
UNIDENTIFIED    UNIDENTIFIED TAXON                                 100


#810802037    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 130  MM,     WEIGHT = 22   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.405    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                 100
CALANOIDA       CALANOID SPECIES                             3       0
LARVACEA        OIKOPLEURA DIOICA                            1       0
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#810802038    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 120  MM,     WEIGHT = 16   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.344    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            1       0
CTENOPHORA      CTENOPHORE SPECIES                               100
FISH            FISH LARVAE                                2       0
LARVACEA        OIKOPLEURA DIOICA                          1       0
NATANTIA        NATANTIA ZOEA                              5       0


#810802039    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 125  MM,     WEIGHT = 19   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.398    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY               100
CALANOIDA       CALANOID SPECIES                           2       0
                CALANUS GLACIALIS                          1       0
                PARACALANUS PARVIS                         1       0
CHAETOGNATHA    SAGITTA SPECIES                            1       0
FISH            FISH LARVAE                                3       0
HYPERIDEA       PARATHEMISTO SPECIES                       1       0
LARVACEA        OIKOPLEURA DIOICA                          6       0
NATANTIA        NATANTIA ZOEA                              3       0


#810802040    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 103  MM,     WEIGHT = 10   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.25     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                          1       0
CHAETOGNATHA    SAGITTA SPECIES                            1       0
CTENOPHORA      CTENOPHORE SPECIES                               100
FISH            FISH LARVAE                                2       0
LARVACEA        OIKOPLEURA DIOICA                          1       0
```

```
#810802041    GEARTYPE = PURSE SEINE       KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 112  MM,     WEIGHT = 14   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.191    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          2       0
                CALANUS GLACIALIS                         1       0
                PSEUDOCALANUS MINUTUS                     3       0
CHAETOGNATHA    SAGITTA SPECIES                           2      20
FISH            FISH LARVAE                               1      10
GAMMARIDEA      LAETMATOPHILUS (PHOTIS) SPECIES           1       0
LARVACEA        OIKOPLEURA DIOICA                        14      70


#810803013    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 156  MM,     WEIGHT = 49   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.193    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
-------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                        1       0
GAMMARIDEA      PONTOGENEIA INERMIS                       1       0
LARVACEA        OIKOPLEURA DIOICA                       104     100


#810803014    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 172  MM,     WEIGHT = 61   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.143    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
-------------------------------------------------------------------
UNIDENTIFIED    UNIDENTIFIED TAXON                              100
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#810803015    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 151  MM,     WEIGHT = 37   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.59     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                 90
CALANOIDA       CALANOID SPECIES                             1      0
                CALANUS PLUMCHRUS                            4     10
CHAETOGNATHA    SAGITTA SPECIES                              1      0
GAMMARIDEA      PONTOGENEIA INERMIS                          6      0


#810803016    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 148  MM,     WEIGHT = 35   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.685    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                100
MOLLUSCA        LIRULARIA SPECIES                            1      0


#810803017    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 158  MM,     WEIGHT = 43   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.775    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                              1      0
UNIDENTIFIED    UNIDENTIFIED TAXON                                100
```

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#810803039    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 160  MM,      WEIGHT = 53   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.222    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          1       0
CTENOPHORA      CTENOPHORE SPECIES                                100
GAMMARIDEA      PONTOGENEIA INERMIS                         1       0


#810803041    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 128  MM,      WEIGHT = 24   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.581    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                100


#810803042    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 136  MM,      WEIGHT = 29   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.568    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                100
HYPERIDEA       PARATHEMISTO SPECIES                        1       0
NEMATODA        NEMATODA SPECIES                            1       0


#810806040    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 250  MM,      WEIGHT = 200  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 2.703    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
FISH            FISH SPECIES                                1     100
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#810806058    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 130  MM,     WEIGHT = 31   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.374     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                             100


#810816001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 440  MM,     WEIGHT = 1260 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 7.629     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                         2     100


#810919001    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT = 33   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------


#810919002    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 142  MM,     WEIGHT = 45   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.747     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                        1       0
                PSEUDOCALANUS MINUTUS                    1       0
CHAETOGNATHA    SAGITTA SPECIES                          5      20
CTENOPHORA      CTENOPHORE SPECIES                              80
HYPERIDEA       PARATHEMISTO SPECIES                     1       0
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#810919003    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 128  MM,     WEIGHT = 25   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.486    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       EUCALANUS BUNGI BUNGI                    1       0
CHAETOGNATHA    SAGITTA SPECIES                          5       0
CTENOPHORA      CTENOPHORE SPECIES                             100


#810919004    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT = 38   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.344    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                        1       0
CHAETOGNATHA    SAGITTA SPECIES                         19     100
HYPERIDEA       PARATHEMISTO SPECIES                     1       0


#810919005    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT = 33   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------



#810919006    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,     WEIGHT = 49   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.971    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                          4       0
CTENOPHORA      CTENOPHORE SPECIES                             100
GAMMARIDEA      PONTOGENEIA INERMIS                      1       0
HYPERIDEA       PARATHEMISTO SPECIES                     1       0
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#810919007    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 50   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.173    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                              100


#810919008    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 165  MM,      WEIGHT = 63   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.387    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                              100


#810919009    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,      WEIGHT = 57   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.342    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY              100
CHAETOGNATHA    SAGITTA SPECIES                           12      0
CTENOPHORA      CTENOPHORE SPECIES                         2      0


#810919010    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,      WEIGHT = 48   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.549    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            1      0
CTENOPHORA      CTENOPHORE SPECIES                              100
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#810919011    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,      WEIGHT = 40   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.077    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                        1      10
UNIDENTIFIED    UNIDENTIFIED TAXON                            90


#810919012    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 42   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.106    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                        7      20
CTENOPHORA      CTENOPHORE SPECIES                            80
GAMMARIDEA      PONTOGENEIA INERMIS                    3       0


#810919013    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,      WEIGHT = 57   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.421    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                       39     100
HYPERIDEA       PARATHEMISTO SPECIES                   1       0


#810919014    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,      WEIGHT = 51   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.023    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                     1       0
CHAETOGNATHA    SAGITTA SPECIES                        1       0
CTENOPHORA      CTENOPHORE SPECIES                     1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                  4       0
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                 PONTOGENEIA INERMIS                       40    100
LARVACEA         OIKOPLEURA DIOICA                          4      0
NATANTIA         CRANGON SPECIES                            1      0


#810919015    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 46   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.328    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CAPRELLIDEA      CAPRELLA GRACILIOR                         1      0
CTENOPHORA       CTENOPHORE SPECIES                               50
GAMMARIDEA       ISCHYROCERUS ANGUIPES                      3      0
                 ISCHYROCERUS SPECIES                       2      0
                 PONTOGENEIA INERMIS                       58     50
HYPERIDEA        PARATHEMISTO SPECIES                       1      0
NATANTIA         CRANGON SPECIES                            1      0
                 NATANTIA ZOEA                              1      0


#810919016    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 163  MM,      WEIGHT = 61   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.918    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CHAETOGNATHA     SAGITTA SPECIES                            8      0
CTENOPHORA       CTENOPHORE SPECIES                              100
GAMMARIDEA       PONTOGENEIA INERMIS                        1      0
                 PONTOGENEIA SPECIES                        1      0
LARVACEA         OIKOPLEURA DIOICA                         19      0
MOLLUSCA         LIRULARIA SPECIES                          1      0


#810919017    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,      WEIGHT = 62   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.781    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                           4      0
                 CALANUS GLACIALIS                          1      0
CHAETOGNATHA     SAGITTA SPECIES                           62     90
CTENOPHORA       CTENOPHORE SPECIES                         3      0
HYPERIDEA        PARATHEMISTO SPECIES                       1      0
LARVACEA         OIKOPLEURA DIOICA                         21     10
```

```
#810919018    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,      WEIGHT = 39   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.165    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA         AETEDIUS ARMATUS                          2       0
                  CALANUS GLACIALIS                         2       0
                  CALANUS PACIFICUS                         2       0
                  EUCALANUS BUNGI BUNGI                     2       0
CHAETOGNATHA      SAGITTA SPECIES                           3       0
CTENOPHORA        CTENOPHORE SPECIES                              100
GAMMARIDEA        PONTOGENEIA INERMIS                       1       0
LARVACEA          OIKOPLEURA DIOICA                         2       0


#810919019    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 50   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.223    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CTENOPHORA        CTENOPHORE SPECIES                              100
HYPERIDEA         PARATHEMISTO SPECIES                      1       0


#810919020    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 60   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.571    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
ARACHNIDA         ARACHNIDA SPECIES                         1       0
GAMMARIDEA        PONTOGENEIA INERMIS                      45       0
```

```
#810919047    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 44   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.295    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                             7       0
CTENOPHORA      CTENOPHORE SPECIES                                100
HYPERIDEA       PARATHEMISTO SPECIES                        1       0
LARVACEA        OIKOPLEURA DIOICA                           6       0


#810919048    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 148  MM,      WEIGHT = 45   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.792    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            10       0
HYPERIDEA       PARATHEMISTO SPECIES                        1       0
UNIDENTIFIED    UNIDENTIFIED TAXON                                100


#810919049    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,      WEIGHT = 55   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.05     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                100
CALANOIDA       CALANOID SPECIES                            1       0
CHAETOGNATHA    SAGITTA SPECIES                             4       0
GAMMARIDEA      PONTOGENEIA INERMIS                         1       0
LARVACEA        OIKOPLEURA DIOICA                           4       0
```

```
#810919050    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT = 48   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.651    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           4      20
CTENOPHORA      CTENOPHORE SPECIES                               80
GAMMARIDEA      PONTOGENEIA INERMIS                       2       0
LARVACEA        OIKOPLEURA DIOICA                         2       0


#810919051    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,     WEIGHT = 42   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.231    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                         2       0
CHAETOGNATHA    SAGITTA SPECIES                           2       0
CTENOPHORA      CTENOPHORE SPECIES                               40
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     3       0
                PONTOGENEIA INERMIS                      69      60
NATANTIA        NATANTIA ZOEA                             1       0


#810919052    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT = 56   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.18     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           4       0
CTENOPHORA      CTENOPHORE SPECIES                              100
```

```
#810919053    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 142  MM,      WEIGHT = 39   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.167    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CALICOIDA       CALICOIDA SPECIES                                 0
UNIDENTIFIED    UNIDENTIFIED TAXON                              100


#810919054    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 48   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.669    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           1       0
CTENOPHORA      CTENOPHORE SPECIES                               40
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     3       0
                ISCHYROCERUS SPECIES                      2       0
                PONTOGENEIA INERMIS                      52      60
NATANTIA        CRANGON SPECIES                           1       0


#810919055    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 49   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.356    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           4       0
CTENOPHORA      CTENOPHORE SPECIES                               70
EUPHAUSIACEAE   EUPHAUSIACEAE SPECIES                     4      30
GAMMARIDEA      PONTOGENEIA INERMIS                       1       0
LARVACEA        OIKOPLEURA DIOICA                        10       0
```

```
#810919056    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT = 52   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.708    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            23      50
CTENOPHORA      CTENOPHORE SPECIES                                 50


#810919057    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 150  MM,     WEIGHT = 48   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.719    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                100
CTENOPHORA      CTENOPHORE SPECIES                          1       0
HYPERIDEA       PARATHEMISTO SPECIES                        2       0


#810919058    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT = 34   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.536    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           1       0
CHAETOGNATHA    SAGITTA SPECIES                             2       0
CTENOPHORA      CTENOPHORE SPECIES                                 75
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       3       0
                PONTOGENEIA INERMIS                        29      25
HYPERIDEA       PARATHEMISTO SPECIES                        6       0
NEMATODA        NEMATODA SPECIES                            2       0
```

```
#810919059    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,     WEIGHT = 52   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.139    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                               100
NATANTIA        NATANTIA ZOEA                              1       0


#810919060    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,     WEIGHT = 38   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.422    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            1       0
CTENOPHORA      CTENOPHORE SPECIES                               100


#810919061    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT = 57   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.869    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                          119     100


#810919062    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 165  MM,     WEIGHT = 59   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.024    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                            1      10
CTENOPHORA      PLEUROBRANCHIA BACHEI                             90
```

```
#810919063    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,      WEIGHT = 69   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.696    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                               100


#810919064    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 170  MM,      WEIGHT = 78   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.885    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           58      70
CTENOPHORA      CTENOPHORE SPECIES                                30


#810919065    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 47   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.148    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CHAETOGNATHA    SAGITTA SPECIES                           12      20
CTENOPHORA      CTENOPHORE SPECIES                                80
HYPERIDEA       PARATHEMISTO SPECIES                       1       0


#810919066    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,      WEIGHT = 36   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.864    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CAPRELLIDEA     CAPRELLA EQUILIBRIA                        1       0
CHAETOGNATHA    SAGITTA SPECIES                            1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
                PONTOGENEIA INERMIS                       11       0
LARVACEA        OIKOPLEURA DIOICA                          2       0
```

```
#810921001    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,      WEIGHT = 44   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.017    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                 40
CALANOIDA       PSEUDOCALANUS MINUTUS                       3       0
CAPRELLIDEA     CAPRELLA EQUILIBRIA                         1       0
CIRRIPEDIA      CYPRIS LARVA                                5       0
CTENOPHORA      CTENOPHORE SPECIES                                 60
HARPACTICOIDA   HARPACTICOID SPECIES                        4       0
HYPERIDEA       PARATHEMISTO SPECIES                        5       0


#810921002    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 147  MM,      WEIGHT = 45   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.355    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                100


#810921003    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,      WEIGHT = 37   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.328    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                       1       0
CIRRIPEDIA      CYPRIS LARVA                                2       0
CTENOPHORA      CTENOPHORE SPECIES                                100
HARPACTICOIDA   HARPACTICOID SPECIES                        6       0
```

```
#810921004    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 158  MM,      WEIGHT = 48   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.758     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                             1       0
                PSEUDOCALANUS MINUTUS                        1       0
CIRRIPEDIA      BARNACLE NAUPLII                             1       0
CTENOPHORA      CTENOPHORE SPECIES                                 100
HARPACTICOIDA   HARPACTICOID SPECIES                         5       0
LARVACEA        OIKOPLEURA DIOICA                            8       0


#810921005    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 143  MM,      WEIGHT = 34   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.796     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                                 100
```

## Section 3.0

## Coho Salmon
Oncorhynchus kisutch (Walbaum 1792)

## Section 3.1 - The Prey of Coho Salmon

## THE PREY OF COHO SALMON

| TAXON | GENUS - SPECIES |
|---|---|
| Algae | Algal species |
| Anomura | Anomura megalops |
| Arachnida | Arachnida species |
| Aulorhynchidae | *Aulorhynchus flavidus* |
| Brachyura | Brachyura megalops |
|  | Brachyura species |
|  | Brachyura zoea |
| Calanoida | *Calanus glacialis* |
|  | *Calanus pacificus* |
| Calicoida | *Caligus* species |
| Caprellidea | *Caprella equilibria* |
|  | *Caprella gracilior* |
|  | *Caprella leviuscula* |
|  | *Caprellidae* species |
|  | *Tritella pilimana* |
| Cirripedia | Cypris larva |
| Cladocera | *Podon polyphemoides* |
| Clupeidae | *Clupea harengus pallasi* |
|  | Clupeid eggs |
| Coleoptera | Coleoptera larvae |
|  | Staphylinidae adult |
|  | Staphylinidae species |
|  | Tenebrionidae species |
| Cumaceae | Cumaceae species |
|  | *Cumella* species |
|  | *Diastylis* species |
|  | *Diastylopsis* species |
|  | *Dispar* species |
|  | *Lamprops quadriplicata* |
|  | *Leptocuma* species |
| Cyclopteridae | Cyclopteridae species |

| | |
|---|---|
| Engraulidae | *Engraulis mordax mordax* |
| Euphausiaceae | *Euphausia pacifica* |
| Fish | Fish larvae |
| | Fish scale |
| | Fish species |
| Gammaridea | *Ampelisca pugetica* |
| | *Amphithoe lacertosa* |
| | *Amphithoe linbergi* |
| | *Anisogammarus oclairi* |
| | *Anisogammarus pugettensis* |
| | *Anonyx* species |
| | *Aoroides columbiae niensis* |
| | *Calliopius laeviusculus* |
| | *Corophium* species |
| | *Dexamonica collingi* |
| | *Eohaustorius washingtonianus* |
| | Gammarid species |
| | *Hyale frequens* |
| | *Hyale grandecornis* |
| | *Ischyrocerus anguipes* |
| | *Ischyrocerus* species |
| | *Odius* species (*caranata* group) |
| | *Orchestoidea* species |
| | *Paramoeri mohri* (Undescribed) |
| | *Paraphoxis abronius-epistomus* |
| | *Photis brevipes* |
| | *Pleustes* species group D |
| | *Pontogeneia inermis* |
| | *Pontogeneai intermedia* |
| | *Protomedia* species |
| | *Synchelidium shoemakeri* |
| Harpacticoida | Harpacticoid species |
| | *Harpacticus* species |
| Hyperidea | *Parathemisto* species |
| Insecta | Hymenoptera pupae |
| | Insecta species |
| Isopoda | *Excirolana kincaidi* |
| | *Gnorimosphaeroma oregonensis* |
| | *Idotea ruffescens* |
| | *Idotea urotoma* |
| | Isopoda species |

| | |
|---|---|
| Mollusca | Gastropoda juvenile |
| | Gastropoda species |
| | *Lirularia* species |
| | *Lacuna* *carinata* |
| Mysidaceae | *Acanthomysis* *davisi* |
| | *Acanthomysis* *sculpta* |
| | *Acanthomysis* species |
| | *Archaeomysis* *grebnitzkii* |
| | Mysid species |
| | *Mysis* *oculata* |
| Natantia | *Heptacarpus* *brevirostris* |
| | *Heptacarpus* *stylus* |
| | Natantia species |
| | Natantia zoea |
| Nematoda | Nematoda species |
| Ostracoda | Ostracoda species |
| Pholidae | Pholidae species |
| Polychaeta | *Nereis* species |
| | Polychaeta species |
| Salmonidae | *Oncorhynchus* species |
| | *Oncorhynchus* *gorbuscha* |
| | Salmonidae species |
| Stichaeidae | Stichaeidae species |
| Tanaidacea | *Leptochelia* *savienyi* |
| Unidentified | Unidentified taxon |

## 3.2. - An Index of Coho Salmon Stomach Samples by Fish Length

## INDEX OF COHO SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| . | NON KELP | 810903007 |
| 79 | NON KELP | 810522017 |
| 80 | NON KELP | 800605086 |
| 81 | NON KELP | 800605089 |
| 81 | NON KELP | 810522012 |
| 82 | NON KELP | 810522016 |
| 83 | NON KELP | 810522018 |
| 84 | NON KELP | 800605061 |
| 84 | NON KELP | 800605067 |
| 85 | NON KELP | 810522011 |
| 85 | NON KELP | 810522019 |
| 86 | NON KELP | 800605052 |
| 87 | NON KELP | 800605053 |
| 87 | MACROCYSTIS | 810522003 |
| 87 | NON KELP | 810522015 |
| 88 | NON KELP | 800605046 |
| 89 | NON KELP | 800605073 |
| 89 | NON KELP | 800605078 |
| 90 | NON KELP | 810620100 |
| 91 | NON KELP | 800605049 |
| 91 | NEREOCYSTIS | 800911016 |
| 92 | NON KELP | 800605057 |
| 92 | NON KELP | 800605071 |
| 92 | NON KELP | 800605084 |
| 92 | NON KELP | 800605092 |
| 92 | NEREOCYSTIS | 800911017 |
| 92 | NON KELP | 810522014 |
| 93 | NON KELP | 800605085 |
| 93 | MACROCYSTIS | 810424004 |
| 93 | MACROCYSTIS | 810424014 |
| 94 | NON KELP | 800605074 |
| 94 | NON KELP | 810507078 |
| 94 | NON KELP | 810522005 |
| 95 | NON KELP | 800605056 |
| 95 | NON KELP | 800605087 |
| 95 | MACROCYSTIS | 810424013 |
| 95 | NON KELP | 810507068 |
| 95 | NEREOCYSTIS | 810801004 |
| 96 | NON KELP | 800605082 |
| 96 | MACROCYSTIS | 810424012 |
| 97 | NON KELP | 810507066 |
| 97 | NON KELP | 810507149 |
| 100 | MACROCYSTIS | 800513045 |
| 100 | NON KELP | 800605062 |
| 100 | NON KELP | 800605098 |
| 100 | MACROCYSTIS | 810424008 |
| 100 | NON KELP | 810507064 |
| 100 | NON KELP | 810507079 |
| 100 | NON KELP | 810620101 |
| 101 | NON KELP | 800605081 |
| 101 | NEREOCYSTIS | 800911015 |
| 101 | MACROCYSTIS | 810424015 |
| 101 | NON KELP | 810507065 |
| 102 | NON KELP | 810507077 |

# INDEX OF COHO SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 103 | NON KELP | 810507074 |
| 103 | NON KELP | 810507076 |
| 105 | NON KELP | 800605083 |
| 105 | NON KELP | 810423061 |
| 105 | NON KELP | 810507071 |
| 105 | NON KELP | 810507072 |
| 105 | NON KELP | 810522013 |
| 107 | NON KELP | 810507073 |
| 108 | NON KELP | 810507062 |
| 108 | NON KELP | 810507067 |
| 108 | NON KELP | 810507069 |
| 108 | NON KELP | 810507081 |
| 109 | NEREOCYSTIS | 810801003 |
| 110 | NEREOCYSTIS | 810710031 |
| 111 | MACROCYSTIS | 810424007 |
| 112 | NON KELP | 810507063 |
| 113 | NON KELP | 810507070 |
| 115 | MACROCYSTIS | 810424005 |
| 117 | MACROCYSTIS | 810424006 |
| 117 | MACROCYSTIS | 810424009 |
| 117 | MACROCYSTIS | 810424011 |
| 118 | MACROCYSTIS | 810424010 |
| 118 | NON KELP | 810507075 |
| 120 | NEREOCYSTIS | 810710032 |
| 122 | NON KELP | 810720007 |
| 122 | NEREOCYSTIS | 810801002 |
| 123 | NON KELP | 810507080 |
| 125 | NON KELP | 800909001 |
| 125 | NON KELP | 810720005 |
| 125 | NON KELP | 810728054 |
| 134 | | 810802078 |
| 135 | MACROCYSTIS | 800717029 |
| 135 | NON KELP | 810726003 |
| 135 | MACROCYSTIS | 810726004 |
| 135 | NON KELP | 810814002 |
| 136 | | 810802083 |
| 137 | NON KELP | 810720006 |
| 138 | MACROCYSTIS | 800717028 |
| 140 | MACROCYSTIS | 800717022 |
| 140 | NON KELP | 810728025 |
| 140 | NON KELP | 810728027 |
| 140 | NON KELP | 810728030 |
| 140 | NON KELP | 810728055 |
| 140 | NON KELP | 810728057 |
| 140 | NON KELP | 810728062 |
| 140 | | 810802071 |
| 140 | | 810802080 |
| 141 | MACROCYSTIS | 800717027 |
| 141 | | 810802021 |
| 142 | NON KELP | 810611001 |
| 143 | | 810802066 |
| 144 | MACROCYSTIS | 800717048 |
| 145 | MACROCYSTIS | 800717021 |
| 145 | NON KELP | 810728053 |

# INDEX OF COHO SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 145 | NON KELP | 810728056 |
| 145 |  | 810802068 |
| 145 |  | 810802070 |
| 145 |  | 810802079 |
| 145 | NON KELP | 810814003 |
| 146 |  | 810802067 |
| 147 | NON KELP | 810611002 |
| 148 | MACROCYSTIS | 800717038 |
| 149 | MACROCYSTIS | 800717018 |
| 149 | NON KELP | 800720001 |
| 149 | MACROCYSTIS | 800722023 |
| 150 | NON KELP | 810725005 |
| 150 | NON KELP | 810728021 |
| 150 | NON KELP | 810728022 |
| 150 | NON KELP | 810728028 |
| 150 | NON KELP | 810728029 |
| 150 | NON KELP | 810728049 |
| 152 | MACROCYSTIS | 800717020 |
| 152 | MACROCYSTIS | 800717045 |
| 152 | MACROCYSTIS | 800717050 |
| 152 | MACROCYSTIS | 800722032 |
| 153 |  | 810802075 |
| 154 | MACROCYSTIS | 800717036 |
| 155 | MACROCYSTIS | 800717010 |
| 155 | NON KELP | 810728016 |
| 155 | NON KELP | 810728075 |
| 156 | MACROCYSTIS | 800717046 |
| 157 | MACROCYSTIS | 800717024 |
| 158 | MACROCYSTIS | 800717025 |
| 158 | MACROCYSTIS | 800717033 |
| 158 | MACROCYSTIS | 800717039 |
| 159 | MACROCYSTIS | 800717034 |
| 160 | MACROCYSTIS | 800717023 |
| 160 | MACROCYSTIS | 800717035 |
| 160 | MACROCYSTIS | 800717047 |
| 160 | MACROCYSTIS | 800717049 |
| 160 | NON KELP | 810728023 |
| 160 | NON KELP | 810728026 |
| 160 | NON KELP | 810728050 |
| 160 | NON KELP | 810728051 |
| 160 | NON KELP | 810728052 |
| 160 | NON KELP | 810728061 |
| 160 | NON KELP | 810728073 |
| 161 | MACROCYSTIS | 800717015 |
| 161 | MACROCYSTIS | 800717032 |
| 161 | MACROCYSTIS | 800717040 |
| 161 | MACROCYSTIS | 800722008 |
| 164 | MACROCYSTIS | 800717041 |
| 165 | MACROCYSTIS | 800717004 |
| 165 | MACROCYSTIS | 800717031 |
| 165 | MACROCYSTIS | 800722034 |
| 165 | NON KELP | 810728024 |
| 165 | NON KELP | 810902009 |
| 166 | MACROCYSTIS | 800717013 |

## INDEX OF COHO SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 166 | MACROCYSTIS | 800717037 |
| 167 | MACROCYSTIS | 800717006 |
| 167 | MACROCYSTIS | 800717011 |
| 167 | MACROCYSTIS | 800717026 |
| 168 | MACROCYSTIS | 800717008 |
| 168 | MACROCYSTIS | 800717043 |
| 168 |  | 810802072 |
| 170 | MACROCYSTIS | 800717005 |
| 170 | MACROCYSTIS | 800717012 |
| 170 | MACROCYSTIS | 800717042 |
| 170 | NON KELP | 810728020 |
| 170 | NON KELP | 810728076 |
| 177 | MACROCYSTIS | 800717044 |
| 177 | MACROCYSTIS | 810706002 |
| 181 | NON KELP | 800803005 |
| 185 | NON KELP | 810728074 |
| 185 | NON KELP | 810806030 |
| 192 | MACROCYSTIS | 800717016 |
| 197 | MACROCYSTIS | 800717017 |
| 199 | MACROCYSTIS | 800717003 |
| 201 | MACROCYSTIS | 800717014 |
| 201 | NON KELP | 810904003 |
| 204 | MACROCYSTIS | 800717001 |
| 205 | MACROCYSTIS | 800717007 |
| 205 | MACROCYSTIS | 800722006 |
| 205 | NON KELP | 810816024 |
| 205 | NON KELP | 810827001 |
| 207 | MACROCYSTIS | 800717030 |
| 210 | NON KELP | 810806057 |
| 210 | NON KELP | 810905003 |
| 214 | NON KELP | 810816028 |
| 230 | NON KELP | 810905004 |
| 233 | MACROCYSTIS | 800717002 |
| 235 | NON KELP | 810902012 |
| 235 | NON KELP | 810904011 |
| 255 | MACROCYSTIS | 800722007 |
| 255 | NON KELP | 810903010 |
| 255 | NON KELP | 810904005 |
| 260 | NON KELP | 810902011 |
| 260 | NON KELP | 810902013 |
| 280 | NON KELP | 810903005 |
| 290 | NON KELP | 810904004 |
| 300 | NON KELP | 810904012 |
| 305 | MACROCYSTIS | 810903002 |
| 370 | NON KELP | 810905002 |
| 420 | MACROCYSTIS | 800722010 |
| 480 | NON KELP | 810728001 |
| 510 | NON KELP | 810904001 |

## 3.3 - Coho Salmon Stomach Content Data

```
#800513045    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 100  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.294    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------

ANOMURA         ANOMURA MEGALOPS                         4      25
BRACHYURA       BRACHYURA ZOEA                          46      50
HARPACTICOIDA   HARPACTICOID SPECIES                     1       0
HYPERIDEA       PARATHEMISTO SPECIES                     1       0
MOLLUSCA        GASTROPODA SPECIES                       1       0
NATANTIA        NATANTIA SPECIES                         3       0
STICHAEIDAE     STICHAEIDAE SPECIES                      9      25


#800605046    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 88   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.475    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------

GAMMARIDEA      HYALE FREQUENS                           8     100
                ISCHYROCERUS ANGUIPES                    1       0


#800605049    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 91   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.125    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------

CUMACEAE        DISPAR SPECIES                           1       0
GAMMARIDEA      HYALE FREQUENS                         115     100
```

```
#800605052    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 86   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.217    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                           16     100


#800605053    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 87   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.431    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                        1       0
CUMACEAE        LEPTOCUMA SPECIES                         1       0
GAMMARIDEA      HYALE FREQUENS                            9     100
HARPACTICOIDA   HARPACTICUS SPECIES                       2       0


#800605056    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 95   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.32     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = F
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                            9     100


#800605057    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 92   MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.28     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                           63     100
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS              1       0
```

```
#800605061    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 84   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.609    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                           11     100
ISOPODA         IDOTEA RUFESCENS                          1       0


#800605062    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 100  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.818    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = F
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                           15     100


#800605067    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 84   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.293    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1       0
CUMACEAE        DISPAR SPECIES                            6       0
GAMMARIDEA      HYALE FREQUENS                           78     100


#800605071    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 92   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.217    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1       0
BRACHYURA       BRACHYURA MEGALOPS                        1       0
CUMACEAE        DISPAR SPECIES                            1       0
GAMMARIDEA      HYALE FREQUENS                           55     100
```

```
#800605073    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 89   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.288    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                             45     100


#800605074    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 94   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.104    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = F
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                             60     100
                 ISCHYROCERUS ANGUIPES                       1       0


#800605078    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 89   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.134    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
GAMMARIDEA       HYALE FREQUENS                             56     100


#800605081    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 101  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------

GAMMARIDEA       HYALE FREQUENS                             12     100
```

```
#800605082    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = NAIR    POSITION = AT THE SURFACE
   LENGTH = 96   MM,      WEIGHT =       GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.505    GM
   FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
   FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                           13     100
GAMMARIDEA       HYALE FREQUENS


#800605083    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = NAIR    POSITION = AT THE SURFACE
   LENGTH = 105  MM,      WEIGHT =       GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.945    GM
   FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
   FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                            1       0
COLEOPTERA       STAPHYLINIDAE SPECIES                     11     100
GAMMARIDEA       HYALE FREQUENS


#800605084    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = NAIR    POSITION = AT THE SURFACE
   LENGTH = 92   MM,      WEIGHT =       GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.41     GM
   FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
   FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                            6     100
GAMMARIDEA       HYALE FREQUENS


#800605085    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

   LOCATION = NAIR    POSITION = AT THE SURFACE
   LENGTH = 93   MM,      WEIGHT =       GM,     SEX =
   WEIGHT OF STOMACH CONTENTS = 0.688    GM
   FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
   FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                            2       0
                                                            1       0
CIRRIPEDIA       CYPRIS LARVA                               9     100
GAMMARIDEA       HYALE FREQUENS                             1       0
HARPACTICOIDA    HARPACTICUS SPECIES
```

```
#800605086    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 80   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.586     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------

CUMACEAE         DISPAR SPECIES                              4       0
GAMMARIDEA       HYALE FREQUENS                             15     100


#800605037    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 95   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.243     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1       0
GAMMARIDEA       HYALE FREQUENS                             13     100


#800605089    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 81   MM,      WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.15      GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------

CAPRELLIDEA      TRITELLA PILIMANA                           1       0
CUMACEAE         DISPAR SPECIES                             49      25
                 LEPTOCUMA SPECIES                           2       0
GAMMARIDEA       HYALE FREQUENS                             70      75
HARPACTICOIDA    HARPACTICUS SPECIES                         2       0
TANAIDACEA       LEPTOGNATHIA GRACILIS                       2       0
```

```
#800605092    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 92   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.522    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                               5     100


#800605098    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 100  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.064    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
CAPRELLIDEA      CAPRELLIDAE SPECIES                          1       0
CUMACEAE         DISPAR SPECIES                              27      50
GAMMARIDEA       HYALE FREQUENS                              17      50
                 ISCHYROCERUS ANGUIPES                        1       0


#800717001    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 204  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.209    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                       10
BRACHYURA        BRACHYURA ZOEA                              92      70
FISH             FISH LARVAE                                  1      20
INSECTA          HYMENOPTERA PUPAE                            1       0
```

```
#800717002    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 233  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.235     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                             9      10
FISH             FISH SPECIES                                      90


#800717003    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 199  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 9.35      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                    7     100


#800717004    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 165  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.518     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            61      95
FISH             FISH SCALE                                 1       0
UNIDENTIFIED     UNIDENTIFIED TAXON                                 5


#800717005    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 170  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.641     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                             2       0
CLUPEIDAE        CLUPEA HARENGUS PALLASI                    2     100
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#800717006    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 167  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.677    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              56     100


#800717007    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 205  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.383    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             146     100


#800717008    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 168  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.452    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      2     100


#800717010    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 155  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.479    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                               2       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      1      95
UNIDENTIFIED    UNIDENTIFIED TAXON                                   5
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#800717011     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 167  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.272    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                          55     100


#800717012     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 170  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.027    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           8     100


#800717013     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 166  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.979    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           1       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                  2     100


#800717014     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 201  MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.325    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                         188      90
CLUPEIDAE       CLUPEA HARENGUS PALLASI                  1      10
```

```
#800717015    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 161  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.6      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA        BRACHYURA ZOEA                              56      80
CLUPEIDAE        CLUPEA HARENGUS PALLASI                      1      20


#800717016    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 192  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.409    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA        BRACHYURA ZOEA                              27      80
CLUPEIDAE        CLUPEA HARENGUS PALLASI                             20


#800717017    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 197  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.688    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA        BRACHYURA ZOEA                              25       5
CALICOIDA        CALIGUS SPECIES                              1       0
CLUPEIDAE        CLUPEA HARENGUS PALLASI                      4      95


#800717018    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 149  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.836    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA        BRACHYURA ZOEA                               3       0
CLUPEIDAE        CLUPEA HARENGUS PALLASI                      1     100
GAMMARIDEA       ISCHYROCERUS ANGUIPES                        5       0
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```
#800717020    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.701     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              97      80
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      1      20


#800717021    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,     WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.64      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                           6       0
                BRACHYURA ZOEA                              86      80
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      1      20
GAMMARIDEA      GAMMARID SPECIES                             2       0


#800717022    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.682     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      2     100


#800717023    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.826     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                               2       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      1     100
```

```
#800717024    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 157  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.741    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
AMMODYTIDAE     AMMODYTES HEXAPTERUS                       1     100


#800717025    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 158  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.007    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           166      90
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      10


#800717026    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 167  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.757    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             8       5
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      95


#800717027    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 141  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.409    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             5       5
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      95
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```
#800717028    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 138  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.402    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                    2     100


#800717029    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 135  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.485    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                            26      10
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      90


#800717030    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 207  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.099    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1     100


#800717031    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 165  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.989    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                             5       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    2     100
UNIDENTIFIED    UNIDENTIFIED TAXON                         1       0
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#800717032    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 161  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.769    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1     100


#800717033    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 158  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.97     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            25       5
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    2      95


#800717034    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 159  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.921    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1     100


#800717035    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.661    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
AMMODYTIDAE     AMMODYTES HEXAPTERUS                       1      60
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      40
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```
#800717036    GEARTYPE - PURSE SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 154  MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.835    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - WD
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
AMMODYTIDAE      AMMODYTES HEXAPTERUS                      1      55
BRACHYURA        BRACHYURA MEGALOPS                        2       0
                 BRACHYURA ZOEA                          105      45


#800717037    GEARTYPE - PURSE SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 166  MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 1.415    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - WD
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                        1       0
CLUPEIDAE        CLUPEA HARENGUS PALLASI                   2     100


#800717038    GEARTYPE - PURSE SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 148  MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.444    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - WD
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
AMMODYTIDAE      AMMODYTES HEXAPTERUS                      1      90
BRACHYURA        BRACHYURA ZOEA                            9      10


#800717039    GEARTYPE - PURSE SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 158  MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.332    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON            PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                        2       0
                 BRACHYURA ZOEA                           28      80
GAMMARIDEA       GAMMARID SPECIES                          1       0
MYSIDACEAE       ACANTHOMYSIS SPECIES                      1       0
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UNIDENTIFIED    UNIDENTIFIED TAXON                                     10


#800717040    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 161  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.731    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                         3     100


#800717041    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 164  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.205    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                 28      95
UNIDENTIFIED    UNIDENTIFIED TAXON                                      5


#800717042    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 170  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.203    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                  3       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                         5     100


#800717043    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 168  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.476    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                         1     100
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#800717044     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 177  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.996    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            16       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    2     100


#800717045     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.791    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       5
BRACHYURA       BRACHYURA ZOEA                            56      15
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      80


#800717046     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 156  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.488    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            52      25
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1      25


#800717047     GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.876    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             7       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                    2     100
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#800717048    GEARTYPE = PURSE SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 144  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.008    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                    3     100


#800717049    GEARTYPE = PURSE SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 160  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.348    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                    3     100


#800717050    GEARTYPE = PURSE SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.738    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                    2     100


#800720001    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 149  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.987    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           190     100
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#800722006    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 205  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.933    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          1       0
                BRACHYURA ZOEA                             51       5
CLUPEIDAE       CLUPEA HARENGUS PALLASI                     1      95


#800722007    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 255  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 4.493    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                     2     100


#800722008    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 161  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.883    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            155      25
CLUPEIDAE       CLUPEA HARENGUS PALLASI                     1      75


#800722010    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 420  MM,     WEIGHT =      GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             30     100
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#800722023    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 149  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.037    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                         4     100


#800722032    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 152  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.141    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                        31      40


#800722034    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 165  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.231    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
MYSIDACEAE       ARCHAEOMYSIS GREBNITZKII               4      10


#800803005    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 181  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.081    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                1     100
```

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#800909001    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 125  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.887    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       2       0
MYSIDACEAE      ACANTHOMYSIS SCULPTA                        2       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                    5      50
                HEPTACARPUS STYLUS                          5      50
UNIDENTIFIED    UNIDENTIFIED TAXON                                100


#800911015    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 101  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.306    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIA PACIFICA                          1      25
GAMMARIDEA      AMPHITHOE LINDBERGI                         1       0
                AOROIDES COLUMBIAE                         40      75


#800911016    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 91   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.11     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                           5      25
GAMMARIDEA      AOROIDES COLUMBIAE                         21      75
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#800911017     GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 92   MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.063    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES
GAMMARIDEA       AOROIDES COLUMBIAE                   5     50
                                                      9     50


#810423061     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 105  MM,     WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.003    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA         NATANTIA ZOEA
                                                      2    100


#810424004     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 93   MM,     WEIGHT = 7     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------



#810424005     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 115  MM,     WEIGHT = 15    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA       GAMMARID SPECIES
INSECTA          INSECTA SPECIES                      1     50
                                                      1     50
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#810424006    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 117  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.087     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
                                                      NUMBER  VOLUME
TAXON           PREYTYPE
--------------------------------------------------------------------
                                                         2       0
                                                         2       0
CUMACEAE        CUMELLA SPECIES                          2     100
FISH            FISH SPECIES                             1       0
NEMATODA        NEMATODA SPECIES


#810424007    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 111  MM,      WEIGHT = 14   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
                                                      NUMBER  VOLUME
TAXON           PREYTYPE
--------------------------------------------------------------------


#810424008    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 100  MM,      WEIGHT = 12   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
                                                      NUMBER  VOLUME
TAXON           PREYTYPE
--------------------------------------------------------------------


#810424009    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 117  MM,      WEIGHT = 18   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.2       GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
                                                      NUMBER  VOLUME
TAXON           PREYTYPE
--------------------------------------------------------------------
                                                         1      10
COLEOPTERA      COLEOPTERA LARVAE                        1      20
FISH            FISH SPECIES                             1      30
GAMMARIDEA      ANISOGAMMARUS OCLAIRI                    5      10
                ISCHYROCERUS ANGUIPES                    5      30
                PARAMOERI MOHRI (UNDESCRIBED)
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HARPACTICOIDA   HARPACTICOID SPECIES                                1       0


#810424010     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 118  MM,      WEIGHT = 16   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON            PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA       GAMMARID SPECIES                                1     100


#810424011     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 117  MM,      WEIGHT = 17   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.037    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON            PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
FISH             FISH LARVAE                                     1     100


#810424012     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 96   MM,      WEIGHT = 11   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.053    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
CUMACEAE         DIASTYLIS SPECIES                               1      20
GAMMARIDEA       AMPHITHOE LACERTOSA                             1      40
                 ISCHYROCERUS ANGUIPES                          12      40


#810424013     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 95   MM,      WEIGHT = 9    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.219    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                                 18      30
FISH             FISH LARVAE                                     1      10
GAMMARIDEA       GAMMARID SPECIES                                2      10
SALMONIDAE       ONCORHYNCUS GORBUSCHA                           1      50
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#810424014     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 93   MM,      WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.041    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------

                                                         1       0
GAMMARIDEA       ANISOGAMMARUS OCLAIRI                   1      50
                 GAMMARID SPECIES                        1      50


#810424015     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 101  MM,      WEIGHT = 11   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.247    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH             FISH LARVAE                             2      70
GAMMARIDEA       ANISOGAMMARUS OCLAIRI                   2      30
                 COROPHIUM SPECIES                       1       0
                 PONTOGENEIA INERMIS                     1       0
NEMATODA         NEMATODA SPECIES                        1       0


#810507062     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 108  MM,      WEIGHT = 13   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.078    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                  12      70
                 PARAMOERI MOHRI (UNDESCRIBED)           5      30
                 PONTOGENEIA INERMIS                     1       0
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#810507063    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 112  MM,      WEIGHT = 13   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.686    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
                                                        1       0
BRACHYURA        BRACHYURA MEGALOPS                    10      10
CLADOCERA        PODON POLYPHEMOIDES                    1       0
COLEOPTERA       STAPHYLINIDAE ADULT                    1       0
CUMACEAE         LAMPROPS QUADRIPLICATA                 9       0
GAMMARIDEA       ANISOGAMMARUS PUGETTENSIS              2       0
                 ANISOGAMMARUS PUGETTENSIS              1       0
                 COROPHIUM SPECIES                      4       0
                 ISCHYROCERUS ANGUIPES                  9      10
                 PARAMOERI MOHRI (UNDESCRIBED)         15      20
                 PARAPHOXIS ABRONIUS-EPISTOMUS          1       0
                 PONTOGENEIA INERMIS                   30      30
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS           2       0
MYSIDACEAE       MYSID SPECIES                          1       0
NEMATODA         NEMATODA SPECIES                       1       0
POLYCHAETA       NEREIS SPECIES                        19      30


#810507064    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 100  MM,      WEIGHT = 12   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.307    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                         5       0
CUMACEAE         DIASTYLOPSIS SPECIES                   1       0
                 LAMPROPS QUADRIPLICATA                20      20
GAMMARIDEA       ANISOGAMMARUS PUGETTENSIS              4      10
                 COROPHIUM SPECIES                      8      20
                 GAMMARID SPECIES                       4      10
                 ISCHYROCERUS ANGUIPES                  9      10
                 PARAPHOXIS ABRONIUS-EPISTOMUS          1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   1       0
NATANTIA         NATANTIA ZOEA                         14      10
OSTRACODA        OSTRACODA SPECIES                      1       0
POLYCHAETA       NEREIS SPECIES                         4      30
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#810507065    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 101  MM,     WEIGHT = 12   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.183    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------

AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                     1      30
BRACHYURA       BRACHYURA MEGALOPS                       16      40
CUMACEAE        CUMELLA SPECIES                           1       0
GAMMARIDEA      COROPHIUM SPECIES                         1       0
                PONTOGENEIA INERMIS                       2       0
                PONTOGENEIA INTERMEDIA                    5      30
ISOPODA         IDOTEA UROTOMA                            1       0


#810507066    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 97   MM,     WEIGHT = 9    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------


#810507067    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 108  MM,     WEIGHT = 12   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
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#810507068    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 95   MM,     WEIGHT = 9    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.318    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
---------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                 30      30
CAPRELLIDEA     CAPRELLA EQUILIBRIA                 1       0
CUMACEAE        LAMPROPS QUADRIPLICATA              1       0
GAMMARIDEA      ANISOGAMMARUS PUGETTENSIS           2       0
                COROPHIUM SPECIES                   2       0
                PARAMOERI MOHRI (UNDESCRIBED)      12      10
                PONTOGENEIA INERMIS                 2       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS        3       0
                ISOPODA SPECIES                     3       0
NATANTIA        NATANTIA ZOEA                      19      20
POLYCHAETA      NEREIS SPECIES                     18      40


#810507069    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 108  MM,     WEIGHT = 14   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.062    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
---------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                  3       0
CUMACEAE        DIASTYLIS SPECIES                  22     100
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)       1       0


#810507070    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 113  MM,     WEIGHT = 17   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.119    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
---------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                      6      10
CUMACEAE        LAMPROPS QUADRIPLICATA             13      60
GAMMARIDEA      ISCHYROCERUS ANGUIPES               1       0
                PARAMOERI MOHRI (UNDESCRIBED)       4      20
MYSIDACEAE      MYSID SPECIES                       1       0
NATANTIA        NATANTIA SPECIES                    3      10
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#810507071    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 105  MM,     WEIGHT = 13   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.252    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                         15      30
COLEOPTERA       STAPHYLINIDAE ADULT                         1      20
FISH             FISH SPECIES                                2       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       4      15
                 PONTOGENEIA INERMIS                         2       0
                 PONTOGENEIA INTERMEDIA                      4      15
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                8      20
NEMATODA         NEMATODA SPECIES                            2       0


#810507072    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 105  MM,     WEIGHT = 12   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.354    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                         16      30
FISH             FISH LARVAE                                 1       0
GAMMARIDEA       COROPHIUM SPECIES                           6      10
                 DEXAMONICA (ATYLUS) COLLINGI                5      10
                 ISCHYROCERUS ANGUIPES                       2       0
                 PARAMOERI MOHRI (UNDESCRIBED)               3       0
                 PONTOGENEIA INERMIS                        11      20
ISOPODA          EXCIROLANA KINCAIDI                         5      30
NEMATODA         NEMATODA SPECIES                            1       0


#810507073    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 107  MM,     WEIGHT = 13   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.34     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA       ANISOGAMMARUS OCLAIRI                       5      20
                 COROPHIUM SPECIES                           1       5
                 PARAMOERI MOHRI (UNDESCRIBED)               6      20
                 PONTOGENEIA INERMIS                         5      20
HARPACTICOIDA    HARPACTICOID SPECIES                       18       5
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                1      10
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NATANTIA          NATANTIA ZOEA                                   5      20


#810507074     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 103  MM,      WEIGHT = 11   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.142    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,  'DIGESTION = D
TAXON             PREYTYPE                                     NUMBER  VOLUME
------------------------------------------------------------------------------
BRACHYURA         BRACHYURA ZOEA                                  24      40
CUMACEAE          CUMELLA SPECIES                                  1       0
GAMMARIDEA        ANISOGAMMARUS OCLAIRI                            9      60
                  GAMMARID SPECIES                                 1       0
                  PONTOGENEIA INERMIS                              1       0
ISOPODA           GNORIMOSPHAEROMA OREGONENSIS                     1       0


#810507075     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 118  MM,      WEIGHT = 17   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.093    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON             PREYTYPE                                     NUMBER  VOLUME
------------------------------------------------------------------------------
GAMMARIDEA        PONTOGENEIA INERMIS                              1      10
NATANTIA          NATANTIA SPECIES                                 3      90


#810507076     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 103  MM,      WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.117    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON             PREYTYPE                                     NUMBER  VOLUME
------------------------------------------------------------------------------
CUMACEAE          DIASTYLIS SPECIES                               11      40
GAMMARIDEA        DEXAMONICA (ATYLUS) COLLINGI                     2      10
                  PARAMOERI MOHRI (UNDESCRIBED)                    2      10
                  PONTOGENEIA INERMIS                              8      40
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#810507077    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 102  MM,     WEIGHT = 11   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.132    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                       3       0
CAPRELLIDEA     CAPRELLA EQUILIBRIA                      1       0
CUMACEAE        DIASTYLIS SPECIES                        7      20
FISH            FISH LARVAE                              1      20
GAMMARIDEA      ANISOGAMMARUS OCLAIRI                    5      30
                EOHAUSTORIUS WASHINGTONIANUS             1       0
                ISCHYROCERUS ANGUIPES                    1       0
                PONTOGENEIA INERMIS                      5      30
HARPACTICOIDA   HARPACTICUS SPECIES                      2       0
OSTRACODA       OSTRACODA SPECIES                        2       0


#810507078    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 94   MM,     WEIGHT = 9    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.058    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
COLEOPTERA      STAPHYLINIDAE SPECIES                    1       0
CUMACEAE        LAMPROPS QUADRIPLICATA                   2      20
GAMMARIDEA      ANISOGAMMARUS OCLAIRI                    1       0
                GAMMARID SPECIES                         1       0
                PONTOGENEIA INTERMEDIA                   7      60
HARPACTICOIDA   HARPACTICOID SPECIES                     1       0
ISOPODA         ISOPODA SPECIES                          1       0
NATANTIA        NATANTIA ZOEA                            4      20
NEMATODA        NEMATODA SPECIES                         1       0


#810507079    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 100  MM,     WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.36     GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                       1       0
CUMACEAE        DIASTYLIS SPECIES                        7      20
GAMMARIDEA      ANISOGAMMARUS OCLAIRI                    5      30
                ANISOGAMMARUS PUGETTENSIS                5      30
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                 COROPHIUM SPECIES                            1      0
                 EOHAUSTORIUS WASHINGTONIANUS                 2      5
                 PARAMOERI MOHRI (UNDESCRIBED)                3     10
                 PONTOGENEIA INERMIS                          1      5
NEMATODA         NEMATODA SPECIES                             6      0


#810507080    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 123  MM,     WEIGHT = 18   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.209    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                           4     20
FISH             FISH LARVAE                                  3     30
GAMMARIDEA       COROPHIUM SPECIES                            2     10
                 PARAMOERI MOHRI (UNDESCRIBED)                4     20
                 PONTOGENEIA INERMIS                          2     10
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                 1     10
OSTRACODA        OSTRACODA SPECIES                            1      0


#810507081    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 108  MM,     WEIGHT = 11   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CUMACEAE         CUMACEAE SPECIES                             1     10
FISH             FISH SPECIES                                 1     50
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                 1     20
NATANTIA         NATANTIA SPECIES                             1     20


#810507149    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 97   MM,     WEIGHT = 11   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.103    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                           5     10
CALANOIDA        CALANUS PACIFICUS                           44     60
CUMACEAE         CUMELLA SPECIES                              1      0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       14     20
                 PARAMOERI MOHRI (UNDESCRIBED)                6      5
                 PONTOGENEIA INERMIS                          4      5
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                 1      0
NATANTIA         NATANTIA ZOEA                                1      0
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NEMATODA        NEMATODA SPECIES                                   9      0


#810522003    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 87   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.103    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                     NUMBER  VOLUME
---------------------------------------------------------------------------

                                                               30      20
                                                                1       0
CALANOIDA       CALANUS PACIFICUS                               5      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                           1       0
                PARAMOERI MOHRI (UNDESCRIBED)                  61      60
HARPACTICOIDA   HARPACTICOID SPECIES                            1       0
MYSIDACEAE      MYSID SPECIES                                   1      10


#810522005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 94   MM,     WEIGHT = 8    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.244    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                     NUMBER  VOLUME
---------------------------------------------------------------------------

                                                               14      20
BRACHYURA       BRACHYURA ZOEA                                  2       0
COLEOPTERA      STAPHYLINIDAE ADULT                             1       0
CUMACEAE        DIASTYLIS SPECIES                              11      10
                DIASTYLOPSIS SPECIES                            4       0
                LAMPROPS QUADRIPLICATA                         41      30
GAMMARIDEA      COROPHIUM SPECIES                               2       0
                EOHAUSTORIUS WASHINGTONIANUS                    2       0
                ISCHYROCERUS ANGUIPES                           6       5
                PARAMOERI MOHRI (UNDESCRIBED)                   6       5
                PONTOGENEIA INERMIS                            31      30
                SYNCHELIDIUM SHOEMAKERI                         1       0
NATANTIA        NATANTIA ZOEA                                   1       0
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#810522011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 85   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.056    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

                                                          70      95
                                                           1       5


#810522012    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 81   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.141    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

                                                          18      40
                                                          12      30
CUMACEAE        DIASTYLIS SPECIES                          1       0
                DIASTYLOPSIS SPECIES                       2       0
GAMMARIDEA      AMPHITHOE LINDBERGI                        1      20
                ISCHYROCERUS ANGUIPES                      2       5
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               1       5


#810522013    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 105  MM,     WEIGHT = 9    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.109    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

                                                           2       0
CAPRELLIDEA     CAPRELLA EQUILIBRIA                        2       0
CUMACEAE        CUMELLA SPECIES                            2       0
                LAMPROPS QUADRIPLICATA                     3      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                     35      60
                PONTOGENEIA INERMIS                        2       0
INSECTA         INSECTA SPECIES                            5      10
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               4      20
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#810522014    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 92   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.088    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                            2      10
BRACHYURA       BRACHYURA MEGALOPS                          1       0
COLEOPTERA      STAPHYLINIDAE ADULT                         1      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      25      60
                PONTOGENEIA INTERMEDIA                      6      20


#810522015    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 87   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.108    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                            1       0
                                                           21      20
                                                            1       0
                                                            8      10
                                                           42      50
ACARI           ACARI SPECIES                               1       0
ARACHNIDA       ARACHNIDA SPECIES                           3       0
BRACHYURA       BRACHYURA MEGALOPS                          1       0
COLEOPTERA      STAPHYLINIDAE SPECIES                       2      10
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       4       5
                PARAMOERI MOHRI (UNDESCRIBED)               1       0
                SYNCHELIDIUM SHOEMAKERI                     4       5
MOLLUSCA        LACUNA CARINATA                             1       0


#810522016    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 82   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.249    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
                                                            1       0
                                                            2       0
CUMACEAE        CUMELLA SPECIES                             1       0
                LAMPROPS QUADRIPLICATA                      4       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       8       0
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               ODIUS SPECIES (CARANATA GROUP)             1       0
               PARAMOERI MOHRI (UNDESCRIBED)             54      80
               PHOTIS BREVIPES                           38      20
HARPACTICOIDA  HARPACTICOID SPECIES                       1       0
ISOPODA        GNORIMOSPHAEROMA OREGONENSIS               1       0
               IDOTEA UROTOMA                             1       0
               ISOPODA SPECIES                            1       0
MYSIDACEAE     ACANTHOMYSIS DAVISI                        1       0
               MYSID SPECIES                              1       0


#810522017   GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 79   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.28      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
                                                          2       0
                                                          1       0
                                                          6       0
BRACHYURA      BRACHYURA MEGALOPS                         8       0
COLEOPTERA     STAPHYLINIDAE ADULT                        1       0
CUMACEAE       CUMELLA SPECIES                            4       0
               LAMPROPS QUADRIPLICATA                     4       5
GAMMARIDEA     COROPHIUM SPECIES                          1       0
               ISCHYROCERUS ANGUIPES                    227      90
               ORCHESTOIDEA SPECIES                       2       0
               PARAPHOXIS ABRONIUS-EPISTOMUS              1       0
               PONTOGENEIA INERMIS                        1       0
               PONTOGENEIA INTERMEDIA                     4       5
HARPACTICOIDA  HARPACTICOID SPECIES                       1       0
ISOPODA        IDOTEA UROTOMA                             2       0


#810522018   GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 83   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.277    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON          PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------
                                                         11      10
                                                         24      20
BRACHYURA      BRACHYURA MEGALOPS                         1       0
CUMACEAE       CUMELLA SPECIES                           75      20
               DIASTYLOPSIS SPECIES                       2       0
               LAMPROPS QUADRIPLICATA                     5       0
GAMMARIDEA     ISCHYROCERUS ANGUIPES                     78      30
               PARAMOERI MOHRI (UNDESCRIBED)             13      10
ISOPODA        IDOTEA UROTOMA                             1       0
MYSIDACEAE     ACANTHOMYSIS DAVISI                        1       0
POLYCHAETA     NEREIS SPECIES                             1       0
               POLYCHAETA SPECIES                         3      10
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#810522019    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 85   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.191    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

                                                          1       0
                                                          1       0
CUMACEAE        CUMELLA SPECIES                           1       0
                LAMPROPS QUADRIPLICATA                    2       0
GAMMARIDEA      CALLIOPIUS LAEVIUSCULUS                   1       5
                ISCHYROCERUS ANGUIPES                    30      40
                PARAMOERI MOHRI (UNDESCRIBED)            20      30
                PONTOGENEIA INERMIS                       1       5
                SYNCHELIDIUM SHOEMAKERI                   2       0
ISOPODA         IDOTEA UROTOMA                            2       0
                ISOPODA SPECIES                           2       0
MYSIDACEAE      MYSIS OCULATA                             1       0
POLYCHAETA      NEREIS SPECIES                            9      20


#810611001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 142  MM,     WEIGHT = 37   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.172    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

HYPERIDEA       PARATHEMISTO SPECIES                      8      80
NEMATODA        NEMATODA SPECIES                          4      20


#810611002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 147  MM,     WEIGHT = 41   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.375    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

                                                          4      10
BRACHYURA       BRACHYURA MEGALOPS                      277      90
EUPHAUSIACEAE   EUPHAUSIACEAE SPECIES                     1       0
HYPERIDEA       PARATHEMISTO SPECIES                      1       0
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#810620100    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 90   MM,     WEIGHT = 9    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.222    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                          26      30
CUMACEAE         DIASTYLOPSIS SPECIES                         6       0
CYCLOPTERIDAE    CYCLOPTERIDAE SPECIES                        5      30
GAMMARIDEA       HYALE GRANDECORNIS                           1       0
                 ISCHYROCERUS ANGUIPES                        4      10
                 PARAMOERI MOHRI (UNDESCRIBED)                9      15
                 PHOTIS BREVIPES                              1       0
                 PONTOGENEIA INERMIS                          8      15
POLYCHAETA       NEREIS SPECIES                               1       0


#810620101    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 100  MM,     WEIGHT = 12   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.343    GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
                                                              7       0
BRACHYURA        BRACHYURA MEGALOPS                          49      40
CALANOIDA        CALANUS PACIFICUS                           10       0
CUMACEAE         CUMELLA SPECIES                              1       0
                 DIASTYLOPSIS SPECIES                         1       0
                 LAMPROPS QUADRIPLICATA                      10      10
FISH             FISH LARVAE                                  1      10
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       12      10
                 PARAMOERI MOHRI (UNDESCRIBED)                7       5
                 PONTOGENEIA INERMIS                         21      15
HARPACTICOIDA    HARPACTICOID SPECIES                         1       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS                 5      10
                 IDOTEA UROTOMA                               1       0
```

```
#810706002    GEARTYPE = PURSE SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 177  MM,     WEIGHT = 58   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.305    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                       4       0
                BRACHYURA ZOEA                          35     100


#810710031    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 110  MM,     WEIGHT = 19   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.208    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                      103     100
HYPERIDEA       PARATHEMISTO SPECIES                     2       0


#810710032    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 120  MM,     WEIGHT = 17   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.417    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                      264     100
                CALANUS PACIFICUS                        6       0
HYPERIDEA       PARATHEMISTO SPECIES                     5       0
NATANTIA        NATANTIA ZOEA                            2       0
```

```
#810720005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 125  MM,     WEIGHT = 27   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.281    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                       19      60
CUMACEAE        DIASTYLOPSIS SPECIES                      3       0
FISH            FISH SPECIES                              1      10
GAMMARIDEA      GAMMARID SPECIES                          1       0
                PARAMOERI MOHRI (UNDESCRIBED)             2      10
                PARAPHOXIS ABRONIUS-EPISTOMUS             3      10
                PONTOGENEIA INERMIS                       2      10
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS              1       0


#810720006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 137  MM,     WEIGHT = 33   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------


#810720007    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 122  MM,     WEIGHT = 18   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
```

```
#810725005    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 150  MM,      WEIGHT - 53   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.142    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                              2     100


#810726003    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 135  MM,      WEIGHT - 32   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.445    GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - VWD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                              2     100


#810726004    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 135  MM,      WEIGHT - 33   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.751    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1       0
COLEOPTERA      COLEOPTERA LARVAE                         2       0
GAMMARIDEA      ORCHESTOIDEA SPECIES                     66     100
ISOPODA         IDOTEA UROTOMA                            1       0


#810728001    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 480  MM,      WEIGHT - 1749 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 21.044   GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                  10     100
```

```
#810728016    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 155  MM,     WEIGHT - 51   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.445     GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - VWD
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                              100


#810728020    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 170  MM,     WEIGHT - 77   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 1.177     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100


#810728021    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 150  MM,     WEIGHT - 52   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 2.228     GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
SALMONIDAE      SALMONIDAE SPECIES                           3    100


#810728022    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 150  MM,     WEIGHT - 46   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.29      GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - VWD
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100
```

```
#810728023    GEARTYPE - GILLNET          KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 160  MM,      WEIGHT - 65   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.882    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
SALMONIDAE      SALMONIDAE SPECIES                         3     100


#810728024    GEARTYPE - GILLNET          KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 165  MM,      WEIGHT - 65   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.376    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - VWD
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                               1     100


#810728025    GEARTYPE - GILLNET          KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 140  MM,      WEIGHT - 44   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0        GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------



#810728026    GEARTYPE - GILLNET          KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 160  MM,      WEIGHT - 75   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.639    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                               1     100
NEMATODA        NEMATODA SPECIES                           1       0
```

```
#810728027    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 140  MM      WEIGHT = 42   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.025    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          1       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                     1     100
CUMACEAE        DIASTYLOPSIS SPECIES                        1       0


#810728028    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 150  MM,     WEIGHT = 57   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.983    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                                1     100
NEMATODA        NEMATODA SPECIES                            2       0


#810728029    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 150  MM,     WEIGHT = 45   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------


#810728030    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 41   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
```

```
#810728049    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 150  MM,     WEIGHT = 49   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------


#810728050    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 50   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.379    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100


#810728051    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 52   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.17     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100


#810728052    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 60   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.268    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100
```

```
#810728053    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 145  MM,     WEIGHT - 38   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - VWP
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1     100


#810728054    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 125  MM.     WEIGHT - 30   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------


#810728055    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 140  MM,     WEIGHT - 42   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------


#810728056    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 145  MM,     WEIGHT - 43   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.397    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1     100
```

```
#810728057    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 42   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------


#810728061    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 60   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------


#810728062    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 41   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------


#810728073    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 58   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.103    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH             FISH SPECIES                              1    100
```

```
#810728074     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 185  MM,      WEIGHT = 64   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------


#810728075     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 155  MM,      WEIGHT = 50   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.558     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                   2     100


#810728076     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 170  MM,      WEIGHT = 61   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------


#810801002     GEARTYPE = BEACH SEINE          KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 122  MM,      WEIGHT = 23   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 2.553     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
MYSIDACEAE      ACANTHOMYSIS DAVISI                          297     100
```

```
#810801003    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 109  MM,     WEIGHT = 17   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.176    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
                                                            3     10
BRACHYURA       BRACHYURA MEGALOPS                          3      0
CALANOIDA       CALANUS PACIFICUS                           1      0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      20     15
                ORCHESTOIDEA SPECIES                        1      5
ISOPODA         IDOTEA UROTOMA                             30     40
MYSIDACEAE      ACANTHOMYSIS DAVISI                         6     30
NATANTIA        NATANTIA SPECIES                            1      0


#810801004    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 95   MM,     WEIGHT = 13   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.639    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                         22      0
CALANOIDA       CALANUS PACIFICUS                          11      0
CALICOIDA       CALIGUS SPECIES                             1      0
CUMACEAE        DIASTYLOPSIS SPECIES                       11      0
                LAMPROPS QUADRIPLICATA                      6      0
GAMMARIDEA      AMPELISCA PUGETICA                          1      0
                AMPHITHOE LACERTOSA                         3      0
                ISCHYROCERUS ANGUIPES                     165     40
                PARAMOERI MOHRI (UNDESCRIBED)              29     10
                PONTOGENEIA INERMIS                         5      0
ISOPODA         IDOTEA UROTOMA                            210     50
MYSIDACEAE      MYSID SPECIES                               3      0
NATANTIA        NATANTIA SPECIES                            4      0
```

```
#810802021    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 141  MM,     WEIGHT = 36   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.46      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                     5       0
FISH            FISH SPECIES                           4      40
GAMMARIDEA      ISCHYROCERUS ANGUIPES                  7       5
                ISCHYROCERUS SPECIES                   2       0
                PHOTIS BREVIPES                       13      15
                PONTOGENEIA INERMIS                   15      20
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS           1       0
PHOLIDAE        PHOLIDAE SPECIES                       1      20


#810802066    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 143  MM,     WEIGHT = 42   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.12      GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = F
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                     2       0
                BRACHYURA ZOEA                        15     100


#810802067    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 146  MM,     WEIGHT = 40   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.062     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                        12      80
GAMMARIDEA      PONTOGENEIA INERMIS                    1      10
ISOPODA         IDOTEA UROTOMA                         1      10
```

```
#810802068    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,      WEIGHT = 47   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.456     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                           8       0
                BRACHYURA ZOEA                             124     100
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       0
                LAMPROPS QUADRIPLICATA                       1       0
GAMMARIDEA      ANONYX SPECIES                              18      10
                CALLIOPIUS LAEVIUSCULUS                      1       0
                ISCHYROCERUS ANGUIPES                        1       0
                ISCHYROCERUS ANGUIPES                       28      20
                ISCHYROCERUS SPECIES                        31      20
                PARAMOERI MOHRI (UNDESCRIBED)                3       0
                PHOTIS BREVIPES                              6       0
                PLEUSTES SPECIES GROUP D                     2       0
                PONTOGENEIA INERMIS                         45      40
HYPERIDEA       PARATHEMISTO SPECIES                         2       0
ISOPODA         IDOTEA RUFESCENS                            16      10
MOLLUSCA        LIRULARIA SPECIES                            2       0


#810802070    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,      WEIGHT = 40   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.578     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                          24      30
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       10      15
                PONTOGENEIA INERMIS                         14      25
MYSIDACEAE      ACANTHOMYSIS DAVISI                         11      30
```

```
#810802071    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 140  MM,     WEIGHT = 35   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.619    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          33      20
                BRACHYURA ZOEA                             125      80
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        7       0
                ODIUS SPECIES (CARANATA GROUP)               2       0
                PHOTIS BREVIPES                              3       0
                PONTOGENEIA INERMIS                          2       0
ISOPODA         ISOPODA SPECIES                              2       0


#810802072    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 168  MM,     WEIGHT = 57   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.378    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          23     100
NATANTIA        NATANTIA ZOEA                                1       0


#810802075    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 153  MM,     WEIGHT = 55   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
```

#810802078    GEARTYPE = PURSE SEINE    KELPTYPE =

LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
LENGTH = 134 MM,    WEIGHT = 30 GM,    SEX =
WEIGHT OF STOMACH CONTENTS = 0.899 GM
FULLNESS OF CARDIAC CHAMBER = 90 %,    DIGESTION = F
FULLNESS OF PYLORIC CHAMBER = 75 %,    DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA MEGALOPS | 17 | 5 |
| | BRACHYURA ZOEA | 210 | 85 |
| CUMACEAE | LAMPROPS QUADRIPLICATA | 1 | 0 |
| GAMMARIDEA | ANONYX SPECIES | 1 | 0 |
| | ISCHYROCERUS SPECIES | 4 | 0 |
| | PHOTIS BREVIPES | 2 | 0 |
| | PONTOGENEIA INERMIS | 28 | 10 |

#810802079    GEARTYPE = PURSE SEINE    KELPTYPE =

LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
LENGTH = 145 MM,    WEIGHT = 42 GM,    SEX =
WEIGHT OF STOMACH CONTENTS = 0.261 GM
FULLNESS OF CARDIAC CHAMBER = 25 %,    DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %,    DIGESTION = WD

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA MEGALOPS | 44 | 90 |
| | BRACHYURA ZOEA | 6 | 10 |
| GAMMARIDEA | PARAMOERI MOHRI (UNDESCRIBED) | 5 | 0 |

#810802080    GEARTYPE = PURSE SEINE    KELPTYPE =

LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
LENGTH = 140 MM,    WEIGHT = 38 GM,    SEX =
WEIGHT OF STOMACH CONTENTS = 1.036 GM
FULLNESS OF CARDIAC CHAMBER = 75 %,    DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %,    DIGESTION = WD

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA MEGALOPS | 113 | 50 |
| CAPRELLIDEA | CAPRELLA EQUILIBRIA | 1 | 0 |
| | CAPRELLA GRACILIOR | 5 | 0 |
| | CAPRELLA LEVIUSCULA | 2 | 0 |
| CUMACEAE | LAMPROPS QUADRIPLICATA | 1 | 0 |
| GAMMARIDEA | ISCHYROCERUS ANGUIPES | 42 | 30 |
| | ISCHYROCERUS SPECIES | 1 | 0 |
| | PARAMOERI MOHRI (UNDESCRIBED) | 9 | 0 |
| | PHOTIS BREVIPES | 18 | 10 |
| | PLEUSTES SPECIES GROUP D | 9 | 0 |
| | PONTOGENEIA INERMIS | 16 | 10 |
| | SYNCHELIDIUM SHOEMAKERI | 1 | 0 |
| ISOPODA | GNORIMOSPHAEROMA OREGONENSIS | 1 | 0 |

```
                IDOTEA UROTOMA                                 8      0


#810802083    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 136  MM,     WEIGHT = 30   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.669    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                           176     65
                BRACHYURA ZOEA                                15      5
CUMACEAE        LAMPROPS QUADRIPLICATA                         1      0
GAMMARIDEA      ANONYX SPECIES                                 2      0
                CALLIOPIUS LAEVIUSCULUS                        6      5
                ISCHYROCERUS ANGUIPES                          4      0
                ISCHYROCERUS SPECIES                           1      0
                PLEUSTES SPECIES GROUP D                       9      5
                PONTOGENEIA INERMIS                           18     15
ISOPODA         IDOTEA UROTOMA                                 1      0


#810806030    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 185  MM,     WEIGHT = 117  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 6.33     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                        4    100


#810806057    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 210  MM,     WEIGHT = 152  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 3.477    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %.   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------

AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                          4    100
```

```
#810814002    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 135  MM,     WEIGHT = 38   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                           1      10
FISH            FISH SPECIES                                 1      30
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 1      60


#810814003    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 145  MM,     WEIGHT = 44   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.609    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
                                                             2       0
COLEOPTERA      STAPHYLINIDAE ADULT                          1       0
                TENEBRIONIDAE SPECIES                        1       0
CUMACEAE        CUMELLA SPECIES                              1       0
GAMMARIDEA      EOHAUSTORIUS WASHINGTONIANUS                 2       0
                ORCHESTOIDEA SPECIES                        45     100
NATANTIA        NATANTIA SPECIES                             2       0


#810816024    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 205  MM,     WEIGHT = 133  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.871    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      2     100
```

```
#810816028    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 214  MM,     WEIGHT = 116  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------



#810827001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 205  MM,     WEIGHT = 131  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.206     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                             1    100


#810902009    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 165  MM,     WEIGHT = 61   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.266     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                             2    100


#810902011    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 260  MM,     WEIGHT = 271  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.408     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
SALMONIDAE      ONCORHYNCHUS SPECIES                     3    100
```

```
#810902012    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 235  MM,     WEIGHT = 208  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 5.253    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      3     100


#810902013    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 260  MM,     WEIGHT = 373  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------



#810903002    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 305  MM,     WEIGHT = 557  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 15.93    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
ENGRAULIDAE     ENGRAULIS MORDAX MORDAX                      1     100


#810903005    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 280  MM,     WEIGHT = 378  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.541    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
FISH            FISH SPECIES                                 1     100
```

```
#810903007    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH =      MM,     WEIGHT = 1374 GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------



#810903010    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 255  MM,     WEIGHT = 261  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 21.851   GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                   7    100


#810904001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 510  MM,     WEIGHT = 1922 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 7.617    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                              3    100


#810904003    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 201  MM,     WEIGHT = 122  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.255    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                              1     30
NATANTIA        NATANTIA SPECIES                          2     70
```

```
#810904004    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 290  MM,      WEIGHT = 287  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------



#810904005    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 255  MM,      WEIGHT = 259  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.186    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA        NATANTIA SPECIES                        1    100


#810904011    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 235  MM,      WEIGHT = 199  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 12.189   GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                 4    100


#810904012    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 300  MM,      WEIGHT = 467  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.636    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                 2    100
```

```
#810905002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 370  MM,     WEIGHT = 694  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------


#810905003    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 210  MM,     WEIGHT = 127  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------


#810905004    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 230  MM,     WEIGHT = 185  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
```

## Section 4.0

## Chinook Salmon
## *Oncorhynchus tshawytscha* (Walbaum 1792)

## 4.1 - The Prey of Chinook Salmon

## THE PREY OF CHINOOK SALMON

| TAXON | GENUS - SPECIES |
|---|---|
| Anomura | Anomura megalops |
| Arthropoda | Arthropoda species (fragments only) |
| Aulorhynchidae | *Aulorhynchus flavidus* |
| Brachyura | Brachyura megalops |
| | Brachyura zoea |
| Calanoida | Calanoid species |
| | *Calanus glacialis* |
| | *Calanus pacificus* |
| | *Calanus plumchrus* |
| Caprellidea | *Caprella equilibria* |
| Clupeidae | *Clupea harengus pallasi* |
| | Clupeid eggs |
| Ctenophora | Ctenophore species |
| Cumaceae | *Diastylopsis* species |
| | *Lamprops quadriplicata* |
| Euphausiaceae | Euphausiaceae species |
| | *Thysanoessa raschii* |
| Fish | Fish larvae |
| | Fish species |
| Gammaridea | *Ampelisca pugetica* |
| | *Amphithoe lacertosa* |
| | *Amphithoe linbergi* |
| | *Anonyx* species |
| | *Aoroides columbiae* |
| | *Dexamonica collingi* |
| | Gammarid species |
| | *Ischyrocerus anguipes* |
| | *Ischyrocerus* species |
| | *Laetmatophilus* species |
| | *Paramoeri mohri* (Undescribed) |
| | *Photis brevipes* |
| | *Pleusirus secorrus* |
| | *Pontogeneia inermis* |
| | *Pontogeneai intermedia* |

| | |
|---|---|
| | *Synchelidium shoemakeri*<br>*Westwoodilla caecula* |
| Hyperidea | Hyperidea species<br>*Parathemisto* species |
| Insecta | Formicidae adults<br>Hymenoptera adults<br>Insecta adult |
| Isopoda | *Idoetea rufescens*<br>*Idotea urotoma*<br>*Pentidotea resecta* |
| Mollusca | *Logigo* species |
| Mysidaceae | *Acanthomysis davisi*<br>*Acanthomysis pseudomacropsis*<br>Mysid species |
| Natantia | *Heptacarpus brevirostris*<br>*Heptacarpus stylus*<br>Natantia zoea |
| Nematoda | Nematoda species |
| Pholidae | Pholidae species |
| Pleuronectidae | Pleuronectidae species |
| Polychaeta | *Nereis* species<br>Polychaeta species |
| Salmonidae | *Oncorhynchus gorbuscha*<br>Salmonidae species |

## 4.2 - An Index of Chinook Salmon Stomach Samples by Fish Length

## INDEX OF CHINOOK SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 81 | NEREOCYSTIS | 810801006 |
| 85 | NEREOCYSTIS | 810801005 |
| 105 | | 810721001 |
| 115 | | 810802082 |
| 120 | NON KELP | 800909002 |
| 125 | NEREOCYSTIS | 810801001 |
| 127 | | 810802081 |
| 128 | NON KELP | 810725001 |
| 130 | | 810802084 |
| 135 | NEREOCYSTIS | 810819072 |
| 145 | | 810802069 |
| 155 | NON KELP | 810728058 |
| 155 | NON KELP | 810811002 |
| 160 | NON KELP | 810904016 |
| 165 | NON KELP | 810904015 |
| 170 | NON KELP | 810904014 |
| 170 | NON KELP | 810905005 |
| 182 | MACROCYSTIS | 810123001 |
| 240 | NON KELP | 810728033 |
| 250 | NON KELP | 810806009 |
| 265 | MACROCYSTIS | 810828010 |
| 295 | MACROCYSTIS | 810728013 |
| 350 | MACROCYSTIS | 800722009 |
| 370 | NON KELP | 810806008 |
| 382 | MACROCYSTIS | 810513003 |
| 388 | NON KELP | 810728002 |
| 450 | NEREOCYSTIS | 810716001 |
| 460 | NON KELP | 810718001 |
| 460 | NON KELP | 810806005 |
| 485 | MACROCYSTIS | 810728003 |
| 490 | NEREOCYSTIS | 810731002 |
| 500 | NON KELP | 810806002 |
| 510 | MACROCYSTIS | 810902002 |

## 4.3 - Chinook Salmon Stomach Content Data

```
#800722009    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 350  MM,     WEIGHT =      GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 3.72     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA       BRACHYURA ZOEA                          641     100


#800909002    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 120  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.692    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = F
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

ANOMURA         ANOMURA MEGALOPS                          2       0
BRACHYURA       BRACHYURA MEGALOPS                        1       0
CALANOIDA       CALANUS PACIFICUS                         2       0
FISH            FISH SPECIES                              1      20
GAMMARIDEA      AMPELISCA PUGETICA                        2       0
                AMPHITHOE LINDBERGI                       3       0
                ANONYX SPECIES                            1       0
                GAMMARID SPECIES                          3       0
INSECTA         FORMICIDAE ADULTS                         5      25
                HYMENOPTERA ADULTS                       91      75
ISOPODA         IDOTEA RUFESCENS                          4       0
                PENTIDOTEA RESECTA                        1      20
MYSIDACEAE      ACANTHOMYSIS PSEUDOMACROPSIS             40      20
NATANTIA        HEPTACARPUS BREVIROSTRIS                  2      30
                HEPTACARPUS STYLUS                        2      10


#810123001    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 182  MM,     WEIGHT = 83   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 4.343    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

CALANOIDA       CALANUS PLUMCHRUS                         4       0
FISH            FISH LARVAE                              11       0
                FISH SPECIES                              2       5
HYPERIDEA       HYPERIDEA SPECIES                         3       0
                PARATHEMISTO SPECIES                     12      20
MOLLUSCA        LOLIGO SPECIES                            2       5
MYSIDACEAE      MYSID SPECIES                             3       0
PHOLIDAE        PHOLIDAE SPECIES                          1       5
```

```
PLEURONECTIDAE  PLEURONECTIDAE SPECIES                    1      0
POLYCHAETA      NEREIS SPECIES                           29     60
                POLYCHAETA SPECIES                        1      0
SALMONIDAE      ONCORHYNCUS GORBUSCHA                     1      5


#810513003    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 382  MM,      WEIGHT = 747  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------



#810716001    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 450  MM,      WEIGHT = 1631 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 59.4       GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                           18      0
EUPHAUSIACEAE   THYSANOESSA RASCHII                     631    100
HYPERIDEA       PARATHEMISTO SPECIES                      1      0
NEMATODA        NEMATODA SPECIES                          4      0


#810718001    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 460  MM,      WEIGHT = 1700 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 17.842   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
MOLLUSCA        LOLIGO SPECIES                            2    100
```

```
#810721001    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 105  MM,     WEIGHT = 14   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.623    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                         49      40
BRACHYURA        BRACHYURA MEGALOPS                      17      10
CUMACEAE         DIASTYLOPSIS SPECIES                     2       0
                 LAMPROPS QUADRIPLICATA                  34      30
GAMMARIDEA       ISCHYROCERUS ANGUIPES                   26      20
                 PONTOGENEIA INERMIS                      1       0
                 SYNCHELIDIUM SHOEMAKERI                  1       0
HYPERIDEA        PARATHEMISTO SPECIES                     1       0
ISOPODA          IDOTEA UROTOMA                           2       0


#810725001    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 128  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.504    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
                                                          1       0
BRACHYURA        BRACHYURA MEGALOPS                      81     100


#810728002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 388  MM,     WEIGHT = 313  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 8.639    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                  3     100
```

```
#810728003    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 485  MM,     WEIGHT = 2070 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------



#810728013    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 293  MM,     WEIGHT = 395  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 4.563    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
                                                          2    100


#810728033    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 240  MM,     WEIGHT = 229  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 5.679    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                   4    100


#810728058    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 155  MM,     WEIGHT = 55   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.031    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                     1    100
```

```
#810731002     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 490  MM,      WEIGHT = 1603 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------



#810801001     GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 125  MM,      WEIGHT = 30   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.773    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------

CUMACEAE           LAMPROPS QUADRIPLICATA                      1       0
MYSIDACEAE         ACANTHOMYSIS DAVISI                       316     100


#810801005     GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 85   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.156    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------

                                                               9      10
                                                               1       0
BRACHYURA          BRACHYURA MEGALOPS                          5       0
CUMACEAE           LAMPROPS QUADRIPLICATA                      1       0
EUPHAUSIACEAE      EUPHAUSIACEAE SPECIES                       1       0
GAMMARIDEA         AOROIDES COLUMBIAE                          3       0
                   ISCHYROCERUS ANGUIPES                     124      70
                   PARAMOERI MOHRI (UNDESCRIBED)              23      20
                   PHOTIS BREVIPES                             4       0
                   PONTOGENEIA INTERMEDIA                      1       0
ISOPODA            IDOTEA RUFESCENS                            1       0
                   IDOTEA UROTOMA                              3       0
```

```
#810801006    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 81   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.24     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
                                                            1       0
BRACHYURA       BRACHYURA MEGALOPS                          6       0
CUMACEAE        DIASTYLOPSIS SPECIES                        5       0
                LAMPROPS QUADRIPLICATA                      1       0
FISH            FISH SPECIES                                1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      97      50
                LAETMATOPHILUS (PHOTIS) SPECIES             1       0
                PARAMOERI MOHRI (UNDESCRIBED)              23      20
                PLEUSIRUS SECORRUS                          1       0
                SYNCHELIDIUM SHOEMAKERI                     1       0
                WESTWOODILLA CAECULA                        2       0
INSECTA         HYMENOPTERA ADULTS                          1       0
                INSECTA ADULT                               1       0
ISOPODA         IDOTEA RUFESCENS                           55      30
NATANTIA        NATANTIA ZOEA                               1       0


#810802069    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 145  MM,     WEIGHT = 40   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.264    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                         30      90
                BRACKYURA ZOEA                              3       0
CUMACEAE        LAMPROPS QUADRIPLICATA                      1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       5      10
                ISCHYROCERUS SPECIES                        1       0
```

```
#810802081    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 127  MM,     WEIGHT = 25   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.14     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON               PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA           BRACHYURA MEGALOPS                    23      60
GAMMARIDEA          AMPHITHOE LACERTOSA                    3       5
                    ISCHYROCERUS ANGUIPES                  5      15
                    PHOTIS BREVIPES                        3       5
                    PONTOGENEIA INERMIS                    6      15


#810802082    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 115  MM,     WEIGHT = 22   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.333    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON               PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                           2       0
BRACHYURA           BRACHYURA MEGALOPS                    26      20
                    BRACHYURA ZOEA                         3       0
CUMACEAE            LAMPROPS QUADRIPLICATA                 2       0
GAMMARIDEA          AMPHITHOE LACERTOSA                    5       5
                    GAMMARID SPECIES                       1       0
                    ISCHYROCERUS ANGUIPES                  1       0
                    ISCHYROCERUS SPECIES                   5       5
                    PONTOGENEIA INERMIS                    7      10
SALMONIDAE          SALMONIDAE SPECIES                     1      60


#810802084    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 130  MM,     WEIGHT = 28   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.586    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON               PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
                                                           1       0
BRACHYURA           BRACHYURA MEGALOPS                   149      80
                    BRACHYURA ZOEA                         8       0
CALANOIDA           CALANUS GLACIALIS                      1       0
CAPRELLIDEA         CAPRELLA EQUILIBRIA                    2       0
CUMACEAE            LAMPROPS QUADRIPLICATA                 1       0
GAMMARIDEA          DEXAMONICA (ATYLUS) COLLINGI           8       0
                    ISCHYROCERUS ANGUIPES                  4       0
```

```
                 ISCHYROCERUS SPECIES                       3      0
                 PHOTIS BREVIPES                            5      0
                 PONTOGENEIA INERMIS                       18     20


#810806002    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 500  MM,     WEIGHT = 2024 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------



#810806005    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 460  MM,     WEIGHT = 1624 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 5.326    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                    1    100


#810806008    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 370  MM,     WEIGHT = 889  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 7.216    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

FISH            FISH SPECIES                               3    100


#810806009    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 250  MM,     WEIGHT = 325  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.484    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

FISH            FISH SPECIES                               1    100
```

```
#810811002    GEARTYPE = PURSE SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 155  MM,      WEIGHT = 49   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.493    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                       1     100


#810819072    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 135  MM,      WEIGHT = 36   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.855    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
MYSIDACEAE      ACANTHOMYSIS DAVISI                       223     100


#810828010    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 265  MM,      WEIGHT = 351  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.926    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                                2     100


#810902002    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 510  MM,      WEIGHT = 2300 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 17.805   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
NEMATODA        NEMATODA SPECIES                           13       0
SALMONIDAE      SALMONIDAE SPECIES                          1     100
```

```
#810904014    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 170  MM,      WEIGHT = 55   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.711    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY               100
HYPERIDEA       PARATHEMISTO SPECIES                      15       0


#810904015    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 165  MM,      WEIGHT = 81   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.4      GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                                 100


#810904016    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 160  MM,      WEIGHT = 45   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.544    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                            30     100
HYPERIDEA       PARATHEMISTO SPECIES                       2       0


#810905005    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 170  MM,      WEIGHT = 32   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.451    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CTENOPHORA      CTENOPHORE SPECIES                               100
HYPERIDEA       PARATHEMISTO SPECIES                       3       0
```

## Section 5.0

## Sockeye Salmon
## *Oncorhynchus nerka* (Walbaum 1792)

## 5.1 - The Prey of Sockeye Salmon

## THE PREY OF SOCKEYE SALMON

| TAXON | GENUS - SPECIES |
|---|---|
| Arthropoda | Arthropoda species (fragments only) |
| Brachyura | Brachyura megalops |
| | Brachyura zoea |
| Calanoida | *Aetedius armatus* |
| | *Calanoid copedid* |
| | Calanoid species |
| | *Calanus glacialis* |
| | *Calanus pacificus* |
| | *Epilabidocera amphitrites* |
| | *Metridia pacifica* |
| | *Microcalanus pygmaeus* |
| | *Paracalanus parvis* |
| | *Pseudocalanus minutus* |
| Chaetognatha | *Sagitta* species |
| Cirripedia | Cypris larva |
| Cladocera | *Evadne normani* |
| | *Podon polyhemoides* |
| Cumaceae | *Cumella* species |
| | *Lamprops* species |
| Fish | Fish Larvae |
| Gammaridea | *Ischyrocerus anguipes* |
| | *Photis brevipes* |
| | *Pontogeneia inermis* |
| Harpacticoida | Harpacticoid species |
| Hyperidea | *Parathemisto* species |
| Larvacea | *Oikopleura dioica* |
| Mollusca | *Lirularia* species |
| Natantia | Natantia zoea |

## 5.2 - An Index of Sockeye Salmon Stomach Samples by Fish Length

## INDEX OF SOCKEYE SALMON STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 72 | | 810802051 |
| 73 | | 810802057 |
| 74 | | 810802055 |
| 80 | | 810727001 |
| 80 | | 810802059 |
| 81 | | 810802054 |
| 82 | | 810802046 |
| 84 | | 810802042 |
| 84 | | 810802061 |
| 85 | | 810802044 |
| 85 | | 810802052 |
| 86 | | 810802053 |
| 87 | | 810802049 |
| 87 | | 810802050 |
| 88 | | 810802043 |
| 89 | | 810802048 |
| 90 | NON KELP | 810513068 |
| 90 | | 810802058 |
| 92 | | 810802045 |
| 92 | | 810802047 |
| 92 | NERECCYSTIS | 810803012 |
| 92 | NEREOCYSTIS | 810919023 |
| 95 | | 810802060 |
| 99 | | 810802056 |
| 99 | NEREOCYSTIS | 810919021 |
| 99 | NEREOCYSTIS | 810919022 |
| 117 | NEREOCYSTIS | 810803011 |
| 126 | NEREOCYSTIS | 810919030 |

## 5.3 - Stomach Content Data

```
#810513068    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 90   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------




#810727001    GEARTYPE = BEACH SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 80   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = F
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

CALANOIDA       CALANUS GLACIALIS                           2    100


#810802042    GEARTYPE = PURSE SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 84   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.034    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                            2       0
CIRRIPEDIA      CYPRIS LARVA                               17       0
CLADOCERA       EVADNE NORMANI                              3       0
                PODON POLYPHEMOIDES                        55      40
GAMMARIDEA      PHOTIS BREVIPES                             2       0
HARPACTICOIDA   HARPACTICOID SPECIES                        1       0
LARVACEA        OIKOPLEURA DIOICA                          84      60
```

```
#810802043    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 88   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.021    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                         1      10
CALANOIDA       AETEDIUS ARMATUS                           2      10
                CALANUS GLACIALIS                          5      20
NATANTIA        NATANTIA ZOEA                              9      60


#810802044    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 85   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.035    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CALANOIDA       CALANUS GLACIALIS                          3       0
                CALANUS PACIFICUS                          3       0
                PSEUDOCALANUS MINUTUS                      1       0
CIRRIPEDIA      CYPRIS LARVA                               3       0
CLADOCERA       PODON POLYPHEMOIDES                        3       0
FISH            FISH LARVAE                                3      10
LARVACEA        OIKOPLEURA DIOICA                         88      90
NATANTIA        NATANTIA ZOEA                              1       0


#810802045    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 92   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CALANOIDA       AETEDIUS ARMATUS                           1      10
                CALANOID SPECIES                           4      20
                CALANUS PACIFICUS                          1      10
                PSEUDOCALANUS MINUTUS                      6      20
CIRRIPEDIA      CYPRIS LARVA                              16      30
HYPERIDEA       PARATHEMISTO SPECIES                       1       0
LARVACEA        OIKOPLEURA DIOICA                          5       0
NATANTIA        NATANTIA ZOEA                              2      10
```

```
#810802046    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 82   MM,     WEIGHT = 4    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       AETEDIUS ARMATUS                            5      50
CIRRIPEDIA      CYPRIS LARVA                                2       0
FISH            FISH LARVAE                                 3      50
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       1       0


#810802047    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 92   MM,     WEIGHT = 7    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.091    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------

FISH            FISH LARVAE                                29      50
LARVACEA        OIKOPLEURA DIOICA                          55      50


#810802048    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 89   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------

CALANOIDA       CALANOID SPECIES                            5      15
                CALANUS PACIFICUS                           2      15
CIRRIPEDIA      CYPRIS LARVA                                2      10
CLADOCERA       PODON POLYPHEMOIDES                         5      10
CUMACEAE        CUMELLA SPECIES                             2      10
LARVACEA        OIKOPLEURA DIOICA                           5      10
NATANTIA        NATANTIA ZOEA                               5      30
```

```
#810802049    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 87   MM,      WEIGHT - 5     GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.042     GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                           7      20
                CALANUS PACIFICUS                           5      10
CIRRIPEDIA      CYPRIS LARVA                               13      20
FISH            FISH LARVAE                                 6      10
MOLLUSCA        LIRULARIA SPECIES                           1       0
NATANTIA        NATANTIA ZOEA                              13      30


#810802050    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 87   MM,      WEIGHT - 6     GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.01      GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                            3      30
                MICROCALANUS PYGMAEUS                       2      20
                PARACALANUS PARVIS                          1      20
CIRRIPEDIA      CYPRIS LARVA                                1      10
CLADOCERA       PODON POLYPHEMOIDES                         1      10
NATANTIA        NATANTIA ZOEA                               1      10


#810802051    GEARTYPE - PURSE SEINE       KELPTYPE -

    LOCATION - MALC    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 72   MM,      WEIGHT - 3     GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.017     GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                            3      20
                CALANOID SPECIES                            4      10
                EPILABIDOCERA AMPHITRITES                   3      20
                PSEUDOCALANUS MINUTUS                       1       0
CIRRIPEDIA      CYPRIS LARVA                                9      10
CLADOCERA       PODON POLYPHEMOIDES                         7      10
CUMACEAE        CUMELLA SPECIES                             1       0
LARVACEA        OIKOPLEURA DIOICA                          16      20
NATANTIA        NATANTIA ZOEA                               4      10
```

```
#810802052    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 85   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                           1       0
CLADOCERA       PODON POLYPHEMOIDES                        1       0
LARVACEA        OIKOPLEURA DIOICA                         40     100


#810802053    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 86   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.033    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CIRRIPEDIA      CYPRIS LARVA                               2       0
CLADOCERA       PODON POLYPHEMOIDES                        2       0
LARVACEA        OIKOPLEURA DIOICA                         75      90
NATANTIA        NATANTIA ZOEA                              4      10


#810802054    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 81   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.028    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             1       0
CALANOIDA       CALANOID SPECIES                           9      20
                CALANUS PACIFICUS                          1       0
                PSEUDOCALANUS MINUTUS                      2       0
CIRRIPEDIA      CYPRIS LARVA                               7      10
CLADOCERA       PODON POLYPHEMOIDES                       11      30
CUMACEAE        CUMELLA SPECIES                            4      20
FISH            FISH LARVAE                                1       0
GAMMARIDEA      PONTOGENEIA INERMIS                        1       0
HARPACTICOIDA   HARPACTICOID SPECIES                       5      10
LARVACEA        OIKOPLEURA DIOICA                          4       0
NATANTIA        NATANTIA ZOEA                              7       0
```

```
#810802055    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 74   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.019    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                          1       0
                 CALANOID SPECIES                          1       0
                 PSEUDOCALANUS MINUTUS                     2       5
CIRRIPEDIA       CYPRIS LARVA                              2       0
CLADOCERA        PODON POLYPHEMOIDES                       4       5
LARVACEA         OIKOPLEURA DIOICA                        48      80
NATANTIA         NATANTIA ZOEA                             5      10


#810802056    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,      WEIGHT = 9    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.049    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                          1       0
                 CALANOID COPEDID                          1       0
                 CALANOID SPECIES                          3       0
                 CALANUS GLACIALIS                         2       0
LARVACEA         OIKOPLEURA DIOICA                        74     100
NATANTIA         NATANTIA ZOEA                             1       0


#810802057    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 73   MM,      WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.037    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                            2       0
CALANOIDA        CALANOID SPECIES                          8      10
                 CALANUS GLACIALIS                         1       0
                 PARACALANUS PARVIS                        8      10
CIRRIPEDIA       CYPRIS LARVA                             10      10
CLADOCERA        EVADNE NORMANI                            4       0
                 PODON POLYPHEMOIDES                      12      10
HARPACTICOIDA    HARPACTICOID SPECIES                      7       0
LARVACEA         OIKOPLEURA DIOICA                        50      60
NATANTIA         NATANTIA ZOEA                             3       0
```

```
#810802058    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 90   MM,      WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.048     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                           4       5
                CALANUS GLACIALIS                          8      15
                EPILABIDOCERA AMPHITRITES                  1       0
                PSEUDOCALANUS MINUTUS                      2       0
CLADOCERA       PODON POLYPHEMOIDES                        1       0
LARVACEA        OIKOPLEURA DIOICA                         18      10
NATANTIA        NATANTIA ZOEA                             25      70


#810802059    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 80   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.08     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                           3       0
                CALANOID COPEDID                           3       0
                CALANOID SPECIES                          12       0
                CALANUS GLACIALIS                          3       0
                CALANUS PACIFICUS                         14       0
                PARACALANUS PARVIS                         1       0
CIRRIPEDIA      CYPRIS LARVA                               4       0
CLADOCERA       EVADNE NORMANI                             1       0
                PODON POLYPHEMOIDES                       31      10
CUMACEAE        LAMPROPS SPECIES                           1       0
FISH            FISH LARVAE                                4      10
LARVACEA        OIKOPLEURA DIOICA                          1       0
NATANTIA        NATANTIA ZOEA                              3       0


#810802060    GEARTYPE = PURSE SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 95   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.039     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                           2       5
                CALANUS PACIFICUS                          1       0
                PSEUDOCALANUS MINUTUS                      2       5
CIRRIPEDIA      CYPRIS LARVA                               3       0
```

| | | | |
|---|---|---|---|
| CLADOCERA | EVADNE NORMANI | 1 | 0 |
| | PODON POLYPHEMOIDES | 10 | 20 |
| FISH | FISH LARVAE | 7 | 20 |
| LARVACEA | OIKOPLEURA DIOICA | 24 | 30 |
| NATANTIA | NATANTIA ZOEA | 10 | 20 |

#810802061 GEARTYPE = PURSE SEINE KELPTYPE =

LOCATION = MALC POSITION = AT THE SURFACE SEAWARD OF KELP
LENGTH = 84 MM, WEIGHT = 5 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.005 GM
FULLNESS OF CARDIAC CHAMBER = 0 %, DIGESTION =
FULLNESS OF PYLORIC CHAMBER = 10 %, DIGESTION = VWD

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| ARTHROPODA | ARTHROPODA SPECIES (FRAGMENTS ONLY | | 80 |
| CLADOCERA | PODON POLYPHEMOIDES | 1 | 20 |

#810803011 GEARTYPE = PURSE SEINE KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = AT THE SURFACE SEAWARD OF KELP
LENGTH = 117 MM, WEIGHT = 19 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.145 GM
FULLNESS OF CARDIAC CHAMBER = 10 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 25 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| BRACHYURA | BRACHYURA ZOEA | 2 | 0 |
| CALANOIDA | CALANOID SPECIES | 7 | 0 |
| | CALANUS GLACIALIS | 8 | 0 |
| | CALANUS PACIFICUS | 4 | 0 |
| | EPILABIDOCERA AMPHITRITES | 31 | 80 |
| CLADOCERA | PODON POLYPHEMOIDES | 1 | 0 |
| GAMMARIDEA | PONTOGENEIA INERMIS | 2 | 10 |
| HARPACTICOIDA | HARPACTICOID SPECIES | 5 | 0 |
| HYPERIDEA | PARATHEMISTO SPECIES | 2 | 5 |
| MOLLUSCA | LIRULARIA SPECIES | 1 | 0 |
| NATANTIA | NATANTIA ZOEA | 5 | 5 |

#810803012 GEARTYPE = PURSE SEINE KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = AT THE SURFACE SEAWARD OF KELP
LENGTH = 92 MM, WEIGHT = 9 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.028 GM
FULLNESS OF CARDIAC CHAMBER = 0.1 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 25 %, DIGESTION = D

| TAXON | PREYTYPE | NUMBER | VOLUME |
|---|---|---|---|
| CALANOIDA | CALANOID SPECIES | 1 | 0 |
| | CALANUS GLACIALIS | 4 | 50 |
| | PSEUDOCALANUS MINUTUS | 3 | 10 |
| CIRRIPEDIA | CYPRIS LARVA | 3 | 10 |
| CLADOCERA | EVADNE NORMANI | 2 | 10 |
| | PODON POLYPHEMOIDES | 3 | 10 |

```
NATANTIA        NATANTIA ZOEA                              1      10


#810919021    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,     WEIGHT = 13   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.206    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                           2       0
                CALANOID SPECIES                          36      10
                CALANUS GLACIALIS                         43      40
                CALANUS PACIFICUS                         31      20
                METRIDIA PACIFICA                         10      10
CHAETOGNATHA    SAGITTA SPECIES                            9      10
GAMMARIDEA      PONTOGENEIA INERMIS                        3       0
HYPERIDEA       PARATHEMISTO SPECIES                      21      10
NATANTIA        NATANTIA ZOEA                              1       0


#810919022    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 99   MM,     WEIGHT = 12   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.142    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          52      50
                CALANUS GLACIALIS                         12      10
                METRIDIA PACIFICA                         42      40
CHAETOGNATHA    SAGITTA SPECIES                            4       0
GAMMARIDEA      PONTOGENEIA INERMIS                        4       0
NATANTIA        NATANTIA ZOEA                              6       0


#810919023    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 92   MM,     WEIGHT = 10   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.177    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       CALANOID SPECIES                          43      30
                CALANUS GLACIALIS                         26      20
                EPILABIDOCERA AMPHITRITES                  1       0
                METRIDIA PACIFICA                         49      40
CHAETOGNATHA    SAGITTA SPECIES                            9      10
HYPERIDEA       PARATHEMISTO SPECIES                       9       0
```

```
#810919030    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 126  MM,     WEIGHT = 20   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.248    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                            2       0
                CALANOID SPECIES                            7       0
                CALANUS GLACIALIS                          21      25
                CALANUS PACIFICUS                           6       0
                METRIDIA PACIFICA                          42      50
                PSEUDOCALANUS MINUTUS                       4       0
CHAETOGNATHA    SAGITTA SPECIES                            10      10
GAMMARIDEA      PONTOGENEIA INERMIS                         4       0
HYPERIDEA       PARATHEMISTO SPECIES                        8      10
LARVACEA        OIKOPLEURA DIOICA                          10       5
NATANTIA        NATANTIA ZOEA                               1       0
```

## Section 6.0

## Dolly Varden
*Salvelinus malma* (Walbaum 1792)

## 6.1 - The Prey of Dolly Varden

# THE PREY OF SEA RUN DOLLY VARDEN TROUT

| TAXON | GENUS - SPECIES |
|---|---|
| Anomura | *Pagurus caurinus* |
| Aulorhynchidae | *Aulorhynchus flavidus* |
| Brachyura | Brachyura megalops |
| | Brachyura species |
| | Brachyura zoea |
| | *Tortanus discaudatus* |
| Callianassidae | *Callianassa californiensis* |
| | *Upogebia pugettia* |
| Caprellidea | *Caprellidae* species |
| Clupeidae | *Clupea harengus pallasi* |
| Cumaceae | Cumaceae species |
| | Cumella species |
| | *Diastylis* species |
| | *Diastylopsis* species |
| | *Dispar* species |
| | *Lamprops quadriplicata* |
| | *Lamprops* species |
| Cyclopteridae | Cyclopteridae species |
| Euphausiaceae | *Euphasia pacifica* |
| | Euphasiaceae species |
| | *Thysanoessa raschii* |
| Fish | Fish larvae |
| | Fish species |
| Gammaridea | *Allorchestes angustus* |
| | *Ampelisca pugetica* |
| | *Amphithoe lacertosa* |
| | *Anisogammarus oclairi* |
| | *Anonyx* species |
| | *Aoroides columbiae* |
| | *Calliopius laeviusculus* |
| | *Corophium* species |
| | *Dexamonica* (*Atylus*) *collingi* |
| | Gammarid species |

| | |
|---|---|
| | *Hyale frequens* |
| | *Ischyrocerus anguipes* |
| | *Ischyrocerus* species |
| | *Laetmatophilus* (*Photis*) species |
| | *Melita* rostrata |
| | *Odius* species (*caranata* group) |
| | Orchestoidea species |
| | *Paramoeri mohri* |
| | *Paraphoxis abronius-epistomus* |
| | *Parapleustes pugettensis* |
| | *Photis brevipes* |
| | *Pleustes* species (*panopla*) group A |
| | *Pleustes* species group D |
| | *Pontogeneia inermis* |
| | *Pontogeneai intermedia* |
| | *Pontogeneia rostrata* |
| | *Protomedia* species |
| | *Synchelidium shoemakeri* |
| Harpacticoida | Harpacticoid species |
| Isopoda | *Gnorimosphaeroma oregonensis* |
| | *Idotea rufescens* |
| | *Idotea urotoma* |
| | *Isopoda* species |
| Mollusca | *Lacuna carinata* |
| | *Lirularia* species |
| Mysidaceae | *Acanthomysis davisi* |
| | *Acanthomysis macropsis* |
| | *Mysid* species |
| Natantia | *Crangon* species |
| | *Heptacarpus brevirostris* |
| | Natantia zoea |
| Nematoda | Nematoda species |
| Ostracoda | Ostracoda species |
| Pholidae | Pholidae species |
| Polychaeta | *Nereis* species |
| | *Polychaeta* species |
| | Spionidae species |
| Salmonidae | *Oncorhynchus* species |
| Stichaeidae | Stichaeidae species |
| Wood | Wood fragments |

## 6.2 - An Index of Dolly Varden Stomach Samples by Fish Length

## INDEX OF DOLLY VARDEN STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 113 | NON KELP | 810720002 |
| 115 | NON KELP | 800605032 |
| 124 | NON KELP | 800605007 |
| 128 | NON KELP | 800605036 |
| 128 | NON KELP | 810720004 |
| 129 | NON KELP | 800605013 |
| 130 | NON KELP | 800605029 |
| 130 | NON KELP | 810601039 |
| 130 | MACROCYSTIS | 810726008 |
| 132 | | 810524003 |
| 135 | | 810623003 |
| 137 | MACROCYSTIS | 800616001 |
| 137 | NON KELP | 810720003 |
| 138 | NON KELP | 800605034 |
| 140 | NON KELP | 810601040 |
| 140 | NON KELP | 810718033 |
| 140 | NON KELP | 810718036 |
| 141 | NON KELP | 800605010 |
| 141 | NON KELP | 800605033 |
| 142 | | 810524002 |
| 143 | NON KELP | 800605012 |
| 143 | NON KELP | 800605030 |
| 144 | NON KELP | 800605005 |
| 144 | NON KELP | 800605037 |
| 145 | | 810623002 |
| 147 | NON KELP | 800605011 |
| 150 | NEREOCYSTIS | 810620010 |
| 150 | NON KELP | 810718025 |
| 150 | NON KELP | 810718034 |
| 150 | NON KELP | 810725008 |
| 151 | NON KELP | 810814005 |
| 152 | NON KELP | 800605035 |
| 154 | NON KELP | 800605008 |
| 155 | NON KELP | 800605014 |
| 155 | NON KELP | 810725007 |
| 155 | | 810727003 |
| 160 | NEREOCYSTIS | 810620014 |
| 160 | NON KELP | 810718027 |
| 160 | NON KELP | 810718030 |
| 160 | NON KELP | 810725006 |
| 160 | NON KELP | 810806032 |
| 161 | NON KELP | 800605015 |
| 161 | NON KELP | 800605016 |
| 162 | NON KELP | 810816034 |
| 165 | NEREOCYSTIS | 810620011 |
| 165 | NEREOCYSTIS | 810620016 |
| 165 | NON KELP | 810814004 |
| 165 | NON KELP | 810816033 |
| 167 | NON KELP | 800605001 |
| 167 | NON KELP | 810720001 |
| 170 | NEREOCYSTIS | 810620008 |
| 170 | NEREOCYSTIS | 810620029 |
| 170 | NON KELP | 810718026 |
| 170 | NON KELP | 810718031 |

# INDEX OF DOLLY VARDEN STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 172 | | 810524001 |
| 175 | NON KELP | 800605006 |
| 175 | | 810623001 |
| 177 | NON KELP | 800605002 |
| 177 | NON KELP | 800605003 |
| 180 | NEREOCYSTIS | 810620009 |
| 180 | NEREOCYSTIS | 810716013 |
| 180 | NON KELP | 810718029 |
| 180 | NON KELP | 810718032 |
| 182 | NON KELP | 800605004 |
| 182 | NON KELP | 810816032 |
| 190 | MACROCYSTIS | 810726007 |
| 190 | NEREOCYSTIS | 810731009 |
| 195 | MACROCYSTIS | 810726002 |
| 200 | | 810730003 |
| 205 | NON KELP | 800605009 |
| 210 | NON KELP | 810718035 |
| 220 | NEREOCYSTIS | 810620031 |
| 225 | NEREOCYSTIS | 810620018 |
| 225 | MACROCYSTIS | 810726001 |
| 230 | NON KELP | 810422007 |
| 230 | NEREOCYSTIS | 810525001 |
| 230 | NEREOCYSTIS | 810525011 |
| 230 | MACROCYSTIS | 810728059 |
| 235 | NEREOCYSTIS | 810408020 |
| 235 | NEREOCYSTIS | 810529024 |
| 235 | NEREOCYSTIS | 810609014 |
| 240 | | 810524004 |
| 240 | NEREOCYSTIS | 810529023 |
| 240 | NEREOCYSTIS | 810620017 |
| 243 | NON KELP | 810816035 |
| 250 | MACROCYSTIS | 810728060 |
| 255 | NEREOCYSTIS | 810620030 |
| 255 | NON KELP | 810718004 |
| 260 | NEREOCYSTIS | 810518033 |
| 260 | NEREOCYSTIS | 810518039 |
| 260 | MACROCYSTIS | 810521055 |
| 260 | NEREOCYSTIS | 810529005 |
| 260 | NEREOCYSTIS | 810620019 |
| 260 | | 810710017 |
| 265 | | 810525036 |
| 270 | NEREOCYSTIS | 810518035 |
| 270 | NEREOCYSTIS | 810620013 |
| 270 | NON KELP | 810806031 |
| 275 | NEREOCYSTIS | 810609012 |
| 275 | NEREOCYSTIS | 810716004 |
| 275 | NON KELP | 810816036 |
| 280 | NEREOCYSTIS | 810518034 |
| 280 | NEREOCYSTIS | 810518040 |
| 280 | NEREOCYSTIS | 810525007 |
| 280 | NEREOCYSTIS | 810620015 |
| 280 | NEREOCYSTIS | 810620020 |
| 282 | | 800713002 |
| 285 | NON KELP | 810505060 |

## INDEX OF DOLLY VARDEN STOMACHS BY FISH LENGTH

| FISH LENGTH (MM) | HABITAT TYPE | IDENTIFICATION NUMBER |
|---|---|---|
| 290 | NON KELP | 810522001 |
| 290 | NEREOCYSTIS | 810525006 |
| 290 | NEREOCYSTIS | 810620026 |
| 290 | NON KELP | 810622004 |
| 290 | NEREOCYSTIS | 810716011 |
| 290 | NON KELP | 810718005 |
| 300 | NEREOCYSTIS | 810525004 |
| 300 | NEREOCYSTIS | 810529003 |
| 300 | NON KELP | 810611003 |
| 300 | NEREOCYSTIS | 810630014 |
| 302 | MACROCYSTIS | 810728008 |
| 302 | MACROCYSTIS | 810728009 |
| 302 | MACROCYSTIS | 810728011 |
| 310 | NEREOCYSTIS | 810503007 |
| 310 | NEREOCYSTIS | 810529026 |
| 310 | NEREOCYSTIS | 810609013 |
| 310 | MACROCYSTIS | 810628030 |
| 310 | MACROCYSTIS | 810806016 |
| 311 | MACROCYSTIS | 810728012 |
| 315 | NON KELP | 810505062 |
| 317 | NON KELP | 810728015 |
| 320 | NEREOCYSTIS | 810502002 |
| 320 | NEREOCYSTIS | 810525002 |
| 325 | NEREOCYSTIS | 810529055 |
| 330 | NEREOCYSTIS | 810503002 |
| 330 | NEREOCYSTIS | 810529001 |
| 330 | NON KELP | 810718024 |
| 335 | NON KELP | 810622003 |
| 340 | NEREOCYSTIS | 810529006 |
| 340 | NEREOCYSTIS | 810620002 |
| 340 | NEREOCYSTIS | 810620003 |
| 340 | NEREOCYSTIS | 810716014 |
| 345 | NEREOCYSTIS | 810506008 |
| 345 | MACROCYSTIS | 810728010 |
| 350 | NEREOCYSTIS | 810502052 |
| 350 | MACROCYSTIS | 810628028 |
| 350 | NEREOCYSTIS | 810630013 |
| 360 | NON KELP | 810422001 |
| 380 | NON KELP | 810628029 |

## 6.3 - Dolly Varden Stomach Content Data

```
#800605001    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 167  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.006    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIA PACIFICA                            16     100


#800605002    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 177  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.359    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                                16     100


#800605003    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 177  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.559    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                                17     100


#800605004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 182  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.631    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIA PACIFICA                            49     100
```

```
#800605005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 144  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.05     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIACEAE SPECIES                       1      50
GAMMARIDEA      GAMMARID SPECIES                            2      50


#800605006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 175  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.246    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIA PACIFICA                         44     100


#800605007    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 124  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.428    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                             20     100


#800605008    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 154  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.442    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                             25      75
                PONTOGENEIA SPECIES                        27      25
POLYCHAETA      POLYCHAETA SPECIES                          1       0
```

```
#800605009    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 205  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.944    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA       AMPHITHOE LACERTOSA                          1       0
                 HYALE FREQUENS                               3      25
POLYCHAETA       NEREIS SPECIES                               1       0
                 SPIONIDAE SPECIES                           86      75


#800605010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 141  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.771    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = F
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                              39     100


#800605011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 147  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.806    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
CUMACEAE         DISPAR SPECIES                               2       0
GAMMARIDEA       CALLIOPIUS LAEVIUSCULUS                     16      25
                 HYALE FREQUENS                               7      50
                 PONTOGENEIA INTERMEDIA                      16      25
                 PONTOGENEIA ROSTRATA                         2       0
```

```
#800605012    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 143  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.318    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CUMACEAE        DISPAR SPECIES                              1       0
GAMMARIDEA      CALLIOPIUS LAEVIUSCULUS                     1       0
                HYALE FREQUENS                              1      25
                PONTOGENEIA INTERMEDIA                     38      50
                PONTOGENEIA ROSTRATA                        1       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                8      25


#800605013    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 129  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.317    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                            2      75
GAMMARIDEA      HYALE FREQUENS                              1       0
                PONTOGENEIA INTERMEDIA                      7      25


#800605014    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 155  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 4.368    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                             50     100
```

```
#800605015    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 161  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.283    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = F
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIA PACIFICA                            56    100


#800605016    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 161  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.573    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                                 4     50
WOOD            WOOD FRAGMENTS                                       50


#800605029    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 130  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.219    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                                 9    100


#800605030    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 143  MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.627    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                                 8     50
                PARAPLEUSTES PUGETTENSIS                      48     50
```

```
#800605032    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 115  MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.206    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
CUMACEAE         DISPAR SPECIES                            4       0
GAMMARIDEA       ANONYX SPECIES                            1       0
                 HYALE FREQUENS                           63     100


#800605033    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 141  MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------


#800605034    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 138  MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.019    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION =
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
WOOD             WOOD FRAGMENTS                            2     100


#800605035    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 152  MM,      WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.133    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                           20     100
```

```
#800605036    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 128  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.321    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

CUMACEAE        DISPAR SPECIES                            8       0
GAMMARIDEA      ANONYX SPECIES                            1       0
                HYALE FREQUENS                            2      25
                ISCHYROCERUS ANGUIPES                     2       0
                PARAPLEUSTES PUGETTENSIS                 41      75
MYSIDACEAE      MYSID SPECIES                             1       0
POLYCHAETA      POLYCHAETA SPECIES                        0       0


#800605037    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 144  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.947    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

GAMMARIDEA      HYALE FREQUENS                           27     100


#800616001    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 137  MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.257    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------
                                                          2       0
BRACHYURA       BRACHYURA MEGALOPS                        4       0
                BRACHYURA SPECIES                         4       0
CUMACEAE        LAMPROPS QUADRIPLICATA                   28      25
GAMMARIDEA      AOROIDES COLUMBIAE                      435      75
                MONOCULOIDES SPECIES                      1       0
                PARAPLEUSTES PUGETTENSIS                  1       0
                PONTOGENEIA ROSTRATA                      3       0
ISOPODA         IDOTEA RUFESCENS                          3       0
NATANTIA        CRANGON SPECIES                           4       0
                HEPTACARPUS BREVIROSTRIS                  2       0
OSTRACODA       OSTRACODA SPECIES                         1       0
POLYCHAETA      POLYCHAETA SPECIES                        1       0
STICHAEIDAE     STICHAEIDAE SPECIES                       1       0
```

```
#800713002    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 282  MM,     WEIGHT = 446  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.016    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                             1      90
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS             1      10


#810408020    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 235  MM,     WEIGHT = 152  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.352    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
CUMACEAE        LAMPROPS QUADRIPLICATA                   1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    3      20
                PARAMOERI MOHRI (UNDESCRIBED)            4      40
                SYNCHELIDIUM SHOEMAKERI                  8      40
MYSIDACEAE      ACANTHOMYSIS DAVISI                      1       0


#810422001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 360  MM,     WEIGHT = 503  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.993    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
                                                         1      30
GAMMARIDEA      GAMMARID SPECIES                         1      30
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS             1      40
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#810422007    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 230  MM,     WEIGHT = 83   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.074    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA       ALLORCHESTES ANGUSTUS                      5     40
                 ISCHYROCERUS ANGUIPES                      1      0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS               2     60


#810502002    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 320  MM,     WEIGHT = 398  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.272    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = F
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA       PARAPLEUSTES PUGETTENSIS                  20    100


#810502052    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 350  MM,     WEIGHT = 382  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.161    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA       AMPELISCA PUGETICA                        59    100
NEMATODA         NEMATODA SPECIES                                  0


#810503002    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 330  MM,     WEIGHT = 570  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 14.927   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
SALMONIDAE       ONCORHYNCHUS SPECIES                      46    100
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```
#810503007    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 310  MM,     WEIGHT = 354  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.26     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                        1      20
SALMONIDAE      ONCORHYNCHUS SPECIES                        13      80


#810505060    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 285  MM,     WEIGHT = 276  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.491    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          31     100
                BRACHYURA ZOEA                               4       0


#810505062    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 315  MM,     WEIGHT = 370  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.909    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                           8       0
                BRACHYURA ZOEA                               3       0
NEMATODA        NEMATODA SPECIES                             7       0
SALMONIDAE      ONCORHYNCHUS SPECIES                         1     100
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#810506008    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 345  MM,     WEIGHT = 510  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.529    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
FISH            FISH LARVAE                            9      60
GAMMARIDEA      ANONYX SPECIES                         3      20
NEMATODA        NEMATODA SPECIES                      10      20


#810518033    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 186  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.002    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
CUMACEAE        LAMPROPS QUADRIPLICATA                 5      20
GAMMARIDEA      AMPELISCA PUGETICA                     4      10
                ANISOGAMMARUS OCLAIRI                  1      20
                ISCHYROCERUS ANGUIPES                  8      10
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS           9      40
MYSIDACEAE      ACANTHOMYSIS DAVISI                    1       0


#810518034    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 224  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.248    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                     1       0
CUMACEAE        LAMPROPS QUADRIPLICATA                31      90
GAMMARIDEA      ISCHYROCERUS ANGUIPES                 12      10
MYSIDACEAE      MYSID SPECIES                          1       0
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#810518035    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 270  MM,     WEIGHT - 214  GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 0.918    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CUMACEAE        DIASTYLOPSIS SPECIES                     2       0
                LAMPROPS SPECIES                         3       0
GAMMARIDEA      AMPELISCA PUGETICA                       3       0
                GAMMARID SPECIES                         2       0
                ISCHYROCERUS ANGUIPES                    1       0
                PONTOGENEIA INTERMEDIA                   1       0
POLYCHAETA      NEREIS SPECIES                           1      40
                SPIONIDAE SPECIES                       29      60


#810518039    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 260  MM,     WEIGHT - 228  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0.809    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    1       0
                PONTOGENEIA INERMIS                     55      90


#810518040    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 280  MM,     WEIGHT - 351  GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 0.379    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
ANOMURA         PAGURUS CAURINUS                         2     100
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```
#810521055    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 227  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.078    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = F
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------

ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 6    100


#810522001    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 290  MM,     WEIGHT = 295  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------



#810524001    GEARTYPE = BEACH SEINE      KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 172  MM,     WEIGHT = 56   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.467    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                           1      0
CUMACEAE        DIASTYLIS SPECIES                          219     60
                DIASTYLOPSIS SPECIES                         1      0
                LAMPROPS SPECIES                             2      0
GAMMARIDEA      DEXAMONICA (ATYLUS) COLLINGI                 3      0
                GAMMARID SPECIES                             3      0
                ISCHYROCERUS ANGUIPES                       60     15
                LAETMATOPHILUS (PHOTIS) SPECIES              1      0
                MELITA ROSTRATA                              1      0
                ORCHESTOIDEA SPECIES                         2      0
                PHOTIS BREVIPES                             61     15
                PONTOGENEIA INERMIS                          2      0
                SYNCHELIDIUM SHOEMAKERI                      3      0
ISOPODA         IDOTEA UROTOMA                               1      0
                IDOTEA UROTOMA                               1      0
                ISOPODA SPECIES                              1      0
NATANTIA        CRANGON SPECIES                              1      0
OSTRACODA       OSTRACODA SPECIES                            1      0
POLYCHAETA      NEREIS SPECIES                              46     10
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#810524002    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 142  MM,      WEIGHT = 30   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.294    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------

CUMACEAE         LAMPROPS QUADRIPLICATA                     9       5
GAMMARIDEA       ISCHYROCERUS ANGUIPES                      5       0
                 PHOTIS BREVIPES                           10       5
                 PONTOGENEIA ROSTRATA                       2       0
OSTRACODA        OSTRACODA SPECIES                          1       0
POLYCHAETA       NEREIS SPECIES                            53      90


#810524003    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 132  MM,      WEIGHT = 28   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.226    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------

CUMACEAE         LAMPROPS QUADRIPLICATA                    11      10
GAMMARIDEA       GAMMARID SPECIES                           1       0
                 SYNCHELIDIUM SHOEMAKERI                    2       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS               1       0
POLYCHAETA       NEREIS SPECIES                           107      90


#810524004    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 240  MM,      WEIGHT = 119  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.181    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------

CUMACEAE         DIASTYLIS SPECIES                         18      70
GAMMARIDEA       ALLORCHESTES ANGUSTUS                      1       0
                 ISCHYROCERUS ANGUIPES                      3      10
                 PHOTIS BREVIPES                            7      20
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#810525001    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 230  MM,     WEIGHT = 148  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.062    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

CUMACEAE        DIASTYLOPSIS SPECIES                       1       0
GAMMARIDEA      PONTOGENEIA INTERMEDIA                    27     100


#810525002    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 320  MM,     WEIGHT = 407  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
MOLLUSCA        LACUNA CARINATA                           30     100


#810525004    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 300  MM,     WEIGHT = 371  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.174    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

POLYCHAETA      POLYCHAETA SPECIES                         1     100


#810525006    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 290  MM,     WEIGHT = 295  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
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#810525007    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 283  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 3        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------


#810525011    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 230  MM,     WEIGHT = 139  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.668    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                     1      0
                PARAMOERI MOHRI (UNDESCRIBED)           49    100


#810525036    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 265  MM,     WEIGHT = 243  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 5.635    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                            NUMBER  VOLUME
-----------------------------------------------------------------
CUMACEAE        DIASTYLOPSIS SPECIES                     1      0
                LAMPROPS QUADRIPLICATA                  33      0
                LAMPROPS SPECIES                         1      0
GAMMARIDEA      DEXAMONICA (ATYLUS) COLLINGI             3      0
                ISCHYROCERUS ANGUIPES                  384     60
                ISCHYROCERUS SPECIES                    29     10
                ODIUS SPECIES (CARANATA GROUP)           6      0
                PARAMOERI MOHRI (UNDESCRIBED)           10      0
                PHOTIS BREVIPES                        127     15
                PLEUSTES SPECIES GROUP D                 1      0
                PONTOGENEIA INERMIS                    113     15
                SYNCHELIDIUM SHOEMAKERI                  5      0
NATANTIA        NATANTIA ZOEA                            5      0
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#810529001    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 330  MM,     WEIGHT = 504  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------


#810529003    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 300  MM,     WEIGHT = 346  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.549    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------
                                                               1      10
GAMMARIDEA      ORCHESTOIDEA SPECIES                          13       0
                PARAMOERI MOHRI (UNDESCRIBED)                200      70
POLYCHAETA      POLYCHAETA SPECIES                             1      20


#810529005    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 261  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 10.906   GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      ANISOGAMMARUS OCLAIRI                          7       0
                ORCHESTOIDEA SPECIES                          51      40
                PARAMOERI MOHRI (UNDESCRIBED)                324      60
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#810529006    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 340  MM,     WEIGHT = 505  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 19.879   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
POLYCHAETA      NEREIS SPECIES                                 9      90
                POLYCHAETA SPECIES                             1      10


#810529023    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 240  MM,     WEIGHT = 144  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------


#810529024    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 235  MM,     WEIGHT = 162  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.811    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                             1       0
                ORCHESTOIDEA SPECIES                           9       0
                PARAMOERI MOHRI (UNDESCRIBED)                228     100
                PONTOGENEIA INERMIS                            1       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                   3       0
                ISOPODA SPECIES                                1       0
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#810529026    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 310  MM,     WEIGHT = 381  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------



#810529055    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 325  MM,     WEIGHT = 248  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------



#810601039    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 130  MM,     WEIGHT = 28   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.47       GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                           2       0

CAPRELLIDEA     CAPRELLIDAE SPECIES                        1       0
CUMACEAE        LAMPROPS QUADRIPLICATA                     1       0
GAMMARIDEA      CALLIOPIUS LAEVIUSCULUS                    1       0
                ISCHYROCERUS ANGUIPES                     58      90
                ORCHESTOIDEA SPECIES                       1       0
                PARAMOERI MOHRI (UNDESCRIBED)              9       5
                PONTOGENEIA INERMIS                        5       0
                PONTOGENEIA INTERMEDIA                     9       5
MOLLUSCA        LACUNA CARINATA                            1       0
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#810601040    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 38   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.101    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE                          NUMBER  VOLUME
-----------------------------------------------------------------
FISH             FISH SPECIES                           1      50
GAMMARIDEA       ISCHYROCERUS ANGUIPES                 10      30
                 PONTOGENEIA INERMIS                    1       0
                 PONTOGENEIA INTERMEDIA                 6      20


#810609012    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 275  MM,     WEIGHT = 271  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 5.064    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON            PREYTYPE                          NUMBER  VOLUME
-----------------------------------------------------------------
FISH             FISH LARVAE                            7     100
MYSIDACEAE       ACANTHOMYSIS MACROPSIS                 1       0
NEMATODA         NEMATODA SPECIES                      12       0


#810609013    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 310  MM,     WEIGHT = 430  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                          NUMBER  VOLUME
-----------------------------------------------------------------
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```
#810609014    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 235  MM,      WEIGHT = 128  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.704    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

EUPHAUSIACEAE    THYSANOESSA RASCHII                        38      50
MOLLUSCA         LIRULARIA SPECIES                         109      50


#810611003    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 300  MM,      WEIGHT = 283  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.883    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

AULORHYNCHIDAE   AULORHYNCHUS FLAVIDUS                      13     100


#810620002    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 340  MM,      WEIGHT = 620  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 5.501    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

POLYCHAETA       NEREIS SPECIES                              1     100


#810620003    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 340  MM,      WEIGHT = 683  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 19.001   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------

POLYCHAETA       NEREIS SPECIES                              7     100
```

```
#810620008    GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 170  MM,     WEIGHT - 64   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.726    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INTERMEDIA                       6       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                         55     100


#810620009    GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 180  MM,     WEIGHT - 79   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.231    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                           2      10
CUMACEAE        LAMPROPS QUADRIPLICATA                       9      60
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)                4      20
MYSIDACEAE      ACANTHOMYSIS DAVISI                          7      10


#810620010    GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 150  MM,     WEIGHT - 45   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 1.049    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                           4       0
CUMACEAE        DIASTYLOPSIS SPECIES                         3       0
                LAMPROPS QUADRIPLICATA                      16      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                        2       0
                PHOTIS BREVIPES                              2       0
                SYNCHELIDIUM SHOEMAKERI                      1       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                         45      80
NEMATODA        NEMATODA SPECIES                             1       0
```

```
#810620011    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 165  MM,     WEIGHT = 58   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.238    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                         15      10
CUMACEAE        DIASTYLOPSIS SPECIES                        3       0
                LAMPROPS QUADRIPLICATA                     16      10
GAMMARIDEA      SYNCHELIDIUM SHOEMAKERI                     1       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                        84      80
NEMATODA        NEMATODA SPECIES                            1       0


#810620013    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 270  MM,     WEIGHT = 299  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.163    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
MYSIDACEAE      ACANTHOMYSIS DAVISI                        12      40


#810620014    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 160  MM,     WEIGHT = 69   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.223    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                         10       5
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       1       0
MOLLUSCA        LACUNA CARINATA                             1       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                       251      95
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```
#810620015    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 326  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 12.503   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

POLYCHAETA      NEREIS SPECIES                               7    100


#810620016    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 165  MM,     WEIGHT = 56   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.455    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

CUMACEAE        DIASTYLOPSIS SPECIES                         2      0
                LAMPROPS QUADRIPLICATA                       1      0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 3     10
MYSIDACEAE      ACANTHOMYSIS DAVISI                         17     80


#810620017    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 240  MM,     WEIGHT = 246  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.948    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------

GAMMARIDEA      ISCHYROCERUS ANGUIPES                        1      0
                PONTOGENEIA INTERMEDIA                       1      0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 1     10
MYSIDACEAE      ACANTHOMYSIS DAVISI                          8     20
POLYCHAETA      NEREIS SPECIES                               1     70
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```
#810620018    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 225  MM,     WEIGHT = 161  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 11.612   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
POLYCHAETA      NEREIS SPECIES                             5     100


#810620019    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 211  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 2.341    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INTERMEDIA                     3       0
POLYCHAETA      NEREIS SPECIES                             2     100


#810620020    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 394  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 39.413   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
POLYCHAETA      NEREIS SPECIES                             7     100


#810620026    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 290  MM,     WEIGHT = 272  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.259    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                        23      60
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
                PONTOGENEIA INTERMEDIA                     4      30
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               1      10
MOLLUSCA        LACUNA CARINATA                            1       0
```

```
#810620029    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 170  MM,     WEIGHT = 60   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------


#810620030    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 255  MM,     WEIGHT = 200  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------


#810620031    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 220  MM,     WEIGHT = 125  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.422    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
CYCLOPTERIDAE   CYCLOPTERIDAE SPECIES                     1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    11       0
                ISCHYROCERUS SPECIES                      1       0
                ORCHESTOIDEA SPECIES                      2       0
POLYCHAETA      NEREIS SPECIES                            1     100


#810622003    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 335  MM,     WEIGHT = 478  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.11     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                              1     100
```

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#810622004    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 290  MM,     WEIGHT = 280  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.506    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA        AMPHITHOE LACERTOSA                         1     60
PHOLIDAE          PHOLIDAE SPECIES                            1     40


#810623001    GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 175  MM,     WEIGHT = 61   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.102    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                      16    100


#810623002    GEARTYPE = BEACH SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 145  MM,     WEIGHT = 41   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.418    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON             PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA         BRACHYURA MEGALOPS                          6      0
CUMACEAE          LAMPROPS QUADRIPLICATA                     15     10
GAMMARIDEA        GAMMARID SPECIES                           18     20
                  ISCHYROCERUS ANGUIPES                      26     35
                  PLEUSTES SPECIES (PANOPLA) GROUP A          1      0
                  PONTOGENEIA INERMIS                        29     35
ISOPODA           IDOTEA UROTOMA                              1      0
MOLLUSCA          LACUNA CARINATA                             5      0
```

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#810623003    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 135  MM,     WEIGHT = 26   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.203    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------

BRACHYURA       BRACHYURA MEGALOPS                         5       0
CUMACEAE        CUMELLA SPECIES                            1       0
                DIASTYLOPSIS SPECIES                       2       0
GAMMARIDEA      GAMMARID SPECIES                          19      30
                PROTOMEDIA SPECIES                         5       0
HARPACTICOIDA   HARPACTICOID SPECIES                       2       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               2       0
MOLLUSCA        LACUNA CARINATA                           70      70
OSTRACODA       OSTRACODA SPECIES                          1       0


#810628028    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 350  MM,     WEIGHT = 526  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------



#810628029    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 380  MM,     WEIGHT = 600  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
-----------------------------------------------------------------
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#810628030    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 310  MM,     WEIGHT = 307  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------



#810630013    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 350  MM,     WEIGHT = 574  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.567    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

GAMMARIDEA      GAMMARID SPECIES                                  90
NEMATODA        NEMATODA SPECIES                           1      10


#810630014    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 300  MM,     WEIGHT = 397  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.27      GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------

GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)              2      10
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               6      80
MOLLUSCA        LACUNA CARINATA                            1      10


#810710017    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 213  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
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#810716004    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 275  MM,     WEIGHT = 284  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.384    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
MYSIDACEAE      ACANTHOMYSIS DAVISI                        462     100


#810716011    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 290  MM,     WEIGHT = 258  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.414    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = F
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)                2       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                30     100


#810716013    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 180  MM,     WEIGHT = 85   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 4.126    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                 1      90
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 2      10
NEMATODA        NEMATODA SPECIES                             5       0


#810716014    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 340  MM,     WEIGHT = 520  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.789    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      PARAMOERI MOHRI (UNDESCRIBED)              280     100
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#810718004    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 255  MM,      WEIGHT = 255  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-------------------------------------------------------------------


#810718005    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 290  MM,      WEIGHT = 393  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 15.612   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                6     100


#810718024    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 330  MM,      WEIGHT = 509  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.209    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH SPECIES                           1     100


#810718025    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 150  MM,      WEIGHT = 60   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 3.226    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                2     100
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#810718026    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 170  MM,     WEIGHT = 73   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.592    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                    NUMBER  VOLUME
---------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                          2    100


#810718027    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 80   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.211    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                                    NUMBER  VOLUME
---------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                          4    100


#810718029    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 180  MM,     WEIGHT = 73   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                    NUMBER  VOLUME
---------------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                            1    100


#810718030    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 75   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.614    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                                    NUMBER  VOLUME
---------------------------------------------------------------------------
                                                                 1    100
```

```
#810718031    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 170  MM,     WEIGHT = 80   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.336    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      3    100


#810718032    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 180  MM,     WEIGHT = 82   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.272    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
FISH            FISH SPECIES                                      100


#810718033    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 45   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.288    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                      2    100
GAMMARIDEA      ORCHESTOIDEA SPECIES                         2      0


#810718034    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 150  MM,     WEIGHT = 50   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.62     GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                         5    100
                PARAMOERI MOHRI (UNDESCRIBED)                1      0
MYSIDACEAE      ACANTHOMYSIS DAVISI                          1      0
```

```
#810718035    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 210  MM,     WEIGHT = 160  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.467    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                                     100


#810718036    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 140  MM,     WEIGHT = 43   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.494    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                     1     100


#810720001    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 167  MM,     WEIGHT = 65   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------



#810720002    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 113  MM,     WEIGHT = 18   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.499    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CUMACEAE        DIASTYLOPSIS SPECIES                        5       0
GAMMARIDEA      COROPHIUM SPECIES                           1       0
                GAMMARID SPECIES                            2       0
                ORCHESTOIDEA SPECIES                       57     100
MYSIDACEAE      MYSID SPECIES                               1       0
NATANTIA        NATANTIA ZOEA                               1       0
POLYCHAETA      POLYCHAETA SPECIES                          1       0
```

```
#810720003    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 137  MM,     WEIGHT = 31   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------




#810720004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 128  MM,     WEIGHT = 27   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.017     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                       1       0
CUMACEAE        DIASTYLOPSIS SPECIES                     6       0
                LAMPROPS QUADRIPLICATA                   1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                    1       0
                ORCHESTOIDEA SPECIES                    23      70
                PARAMOERI MOHRI (UNDESCRIBED)           24      30
                PARAPHOXIS ABRONIUS-EPISTOMUS            1       0
MOLLUSCA        LACUNA CARINATA                          1       0
OSTRACODA       OSTRACODA SPECIES                        1       0


#810725006    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 160  MM,     WEIGHT = 54   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.123     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                            NUMBER  VOLUME
------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                  2      80
GAMMARIDEA      ORCHESTOIDEA SPECIES                    17      20
```

```
#810725007    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 155  MM,      WEIGHT - 69   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.852    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                      49     100


#810725008    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 150  MM,      WEIGHT - 55   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 3.046    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                     161     100
NEMATODA        NEMATODA SPECIES                           1       0


#810726001    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 225  MM,      WEIGHT - 188  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.298    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               1      50
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1      50


#810726002    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 195  MM,      WEIGHT - 105  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.951    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               1      80
GAMMARIDEA      GAMMARID SPECIES                           2       0
                HYALE FREQUENS                             1       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS               8      20
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#810726007    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 190  MM,      WEIGHT = 92   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.417    GM
    FULLNESS OF CARDIAC CHAMBER = 40  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                  1      95
GAMMARIDEA      GAMMARID SPECIES                              1       5


#810726008    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 130  MM,      WEIGHT = 39   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.027    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      ORCHESTOIDEA SPECIES                        195     100
MOLLUSCA        LACUNA CARINATA                               1       0


#810727003    GEARTYPE = BEACH SEINE       KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 57   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.655    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 1   %,   DIGESTION = VWD
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                  1     100


#810728008    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 302  MM,      WEIGHT = 490  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 7.251    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                       6     100
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```
#810728009    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 302  MM,      WEIGHT = 410  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.292    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

FISH            FISH SPECIES                              1    100


#810728010    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 345  MM,      WEIGHT = 517  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 23.998   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                   7    100


#810728011    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 302  MM,      WEIGHT = 414  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.129    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

FISH            FISH SPECIES                                   100


#810728012    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 311  MM,      WEIGHT = 421  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.518    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------

AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                     4    100
CLUPEIDAE       CLUPEA HARENGUS PALLASI                   7    100
```

```
#810728015    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 317  MM,     WEIGHT = 423  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------


#810728059    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 230  MM,     WEIGHT = 207  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------


#810728060    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 250  MM,     WEIGHT = 230  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 9.056     GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 90  %,   DIGESTION = WD
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------

CLUPEIDAE       CLUPEA HARENGUS PALLASI                 7    100


#810730003    GEARTYPE = GILLNET          KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 200  MM,     WEIGHT = 122  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.267     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------

MYSIDACEAE      ACANTHOMYSIS DAVISI                    17    100
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```
#810731009    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 190  MM,      WEIGHT = 86   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 3.252    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------

CUMACEAE         DIASTYLOPSIS SPECIES                      1       0
GAMMARIDEA       GAMMARID SPECIES                          1       0
                 PONTOGENEIA INERMIS                       2       0
MYSIDACEAE       ACANTHOMYSIS DAVISI                     298      90
POLYCHAETA       NEREIS SPECIES                            4      10


#810806016    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 310  MM,      WEIGHT = 550  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 34.171   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------

CLUPEIDAE        CLUPEA HARENGUS PALLASI                   9     100


#810806031    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 270  MM,      WEIGHT = 238  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------


#810806032    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 160  MM,      WEIGHT = 54   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                             NUMBER  VOLUME
--------------------------------------------------------------------
```

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#810814004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 165  MM,     WEIGHT = 59   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.402    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA       ORCHESTOIDEA SPECIES                    14     100


#810814005    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 151  MM,     WEIGHT = 51   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.498    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA       ORCHESTOIDEA SPECIES                     7     100


#810816032    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 182  MM,     WEIGHT = 80   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.506    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH SPECIES                                   100


#810816033    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 165  MM,     WEIGHT = 71   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                            NUMBER  VOLUME
-------------------------------------------------------------------
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#810816034    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 162  MM,      WEIGHT = 64   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.029    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                             1     100


#810816035    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 243  MM,      WEIGHT = 208  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------


#810816036    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 275  MM,      WEIGHT = 299  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.295    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
                                                         1     100
```

# APPENDIX I

## Taxonomic References

# References Used in Identifying Taxa

Abbott, R.T. and G.F. Sandstrom, 1968. Seashells of North America. Golden Press, Racine Wis. 280 pp.

Arai, M.N. and A. Brinckmann-Voss, 1980. Hydromedusae of British Columbia and Puget Sound. Can. Bull. Fish. Aquat. Sci. 204. 192 pp.

Banner, A.H., 1947. A taxonomic study of the Mysidacea and Euphausiacea of the Northeastern Pacific. 1. Mysidacea from Family Lophogastridae through tribe Erythropini. Trans. Roy. Can. Inst. 26(2): 347 - 399.

Banse, K. and K.D. Hobson, 1974. Benthic errantiate polychaetes. Fish. Res. Bd., Canada Bull. 185. 111 pp.

Barnard, J.L., 1969. Families and genera of marine gammaridean amphipoda. Smithsonian Institute Press, Wash. D.C. 535 pp.

Barnes, R.D., 1968. Invertebrate zoology 2nd ed. W.B. Saunders Co., Philadelphia 743 p.

Behrens, D.W., 1980. Pacific Coast nudibranches. Sea Challenger, Los Osos, California. 112 pp.

Bowman, T.E., 1973. Pelagic amphipods of the genus Hyperia and closely related genera. Contributions to Zoology No. 136. Smithsonian Inst. Press, Wash. D.C. 76 pp.

Bowman, T.E. and H.E. Gruner, 1973. The families and genera of Hyperiidae. Contributions to Biology No. 146. Smithsonian Inst. Press, Wash. D.C. 64 pp.

Brinkhurst, Ralph, 1979. M.S. for laboratory identification of oligochaetes. Unpublished manuscript. 12 pp.

Brodskii, K.A., 1950. Calanoida of the far eastern seas and polar basin of the USSR. Israeli Program for Scientific Translations 1967. 440 pp.

Butler, T.H., 1980. Shrimps of the Pacific Coast of Canada. Can. Bull. Fish. Aquat. Sci. 202. 280 pp.

Conseil International pour l'exploration de le mer, (zooplankton sheets) Charlotten Lund Slot, 2920 Charlotten Lund, Danemark.

Cushman, J.A., 1969. Foraminifera 4th ed. Harvard Univ. Press, Cambridge, M.A. 605 pp.

Emerons, W.K. and M.K. Jacobson, 1976. Guides to shells. Alfred A. Knopf Inc., New York. 482 pp.

Fulton, J., 1972. Keys and references to the marine copepoda of British Columbia. Fish Res. Bd. Canada Tech. Rep. 313. 63 pp.

Furlong, M. and V. Pill, 1970. Starfish. Ellison Industries, Edmonds, Wash. 140 pp.

Hart, J.L., 1980. Pacific Fishes of Canada. Fish. Res. Bd. Canada Bull. 180. 740 pp.

Hartman, O., 1968. Atlas of the errantiate polychaetous annelids from California. Allan Hancock Foundation, University of Southern California L.A. 828 pp.

Hartman,O., 1969. Atlas of the sedentariate polychaetous annelids from California. Allan Hancock Foundation, University of Southern California L.A. 812 pp.

Hobson, K.D. and K. Banse, 1981. Sedentariate and archiannelid polychaetes. Can. Bull. Fish. Aquat. Sci. 209. 144 pp.

Kosloff, E.N., 1974. Keys to the marine invertebrates of Puget Sound, the San Juan Archipelago and adjacent regions. U. of Wash. Press, Seattle. 326 pp.

Lambert, P., 1981. Seastars of British Columbia, British Columbia Provincial Museum Handbook 39. 153 pp.

Lang, K., 1975. Monographie der Harpacticiden, Koenigstein Otto Koeltz Science Publishers, Report of the 1948 ed. published by H. Ohlsson Lund. 2v 1682 pp.

Laubitz, D.R., 1970. Studies on the Caprellidae (Crustacea, Amphipoda) of the American North Pacific. National Museum of Natural Sciences (Ottawa) Publ. Biol. oceanogr. 1: 1-89.

Meglitsch, P.A. 1972. Invertebrate zoology, 2nd ed. Oxford Univ. Press, New York. 961 pp.

Morris, P.A., 1952. A field guide to shells of the Pacific coast and Hawaii 2nd ed. Houghton Mifflin, Boston. 220 pp.

Morris, R.H., D.P. Abbot and E.C. Haderlic, 1980. Intertidal invertebrates of California. Stanford Univ. Press, Stanford, Calif. 690 pp., 200 plates.

Naumov, D.V., 1960. Hydroids and hydromedusae of the USSR. International Program for Scientific Translations, Jerusulem, 1969. 660 pp.

Otte, G., 1975. A laboratory key for the identification of Corphium spp of British Columbia. Can. Fish. Mar. Serv. Tech. Rep. 519. 19 pp.

Pavlovskii, E.N., 1955. Atlas of the invertebrates of the far eastern seas of the USSR. International Program for Scientific Translations, 1966. 456 pp.

Rice, T., 1971. Marine Shells of the Pacific Northwest. Ellison Ind., Edmonds, Wash. 102 pp.

Smith, Ralph I. and James T. Carlton, 1975. Light's Manual: Intertidal Invertebrates of the Central California Coast. 3rd ed. Univ. Calif. Press, L.A. 760 pp.

Staude, C.P., J.W. Armstrong, R.N. Thorn and K.K. Chew, 1977. An illustrated key to the intertidal gammaridean amphipoda of central Puget Sound. College of Fisheries, Univ. of Wash., Seattle. 27 pp.

Uskakon, P.V., 1955. Polychaeta of the far eastern seas of the USSR. International Program for Scientific Translations, 1965. 419 pp.

Usinger, R.L., 1963. Aquatic insects of California. Univ. of Calif. Press. Berkeley.

Vinogradov, M.E., 1957. Hyperiids from the northwest section of the Pacific Ocean. Akademiia Nauk SSR, Trudy Instituta Okenologii, V 20, 186 - 227.

Wells, J.B.J., 1976. Keys to aid in the identification of marine harpacticoid copepods. Dept. of Zoology, Univ. of Aberdeen, U.K. 215 pp. (including recent updates).